

BADGER STATE

Smoke Signals

For Radio Amateurs • By Radio Amateurs

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Milwaukee's Microphone Museum



Milwaukee is home to Bob Paquette's Microphone Museum, which houses almost countless microphones of various vintages and types. Bob has written a reference book about microphones, and he is looking over the book in this photo. To best learn about and see more of the microphones and other transducers in this unique museum, a personal visit is best. The next best way is to read Les Peterson's story on page 6 of this issue.

- Photo by Les Peterson/W9YCV

FCC Tries to Derail H.R. 73

The Federal Communications Commission has told Congress that it does not want H.R. 73 to become the law of the land. H.R. 73 is the so-called "Amateur Radio Spectrum Protection" bill, and it would force the FCC to replace any bands taken from amateur radio with comparable spectrum. According to Derk Forrester, a legislative assistant to Congressman Jim Cooper, the Commission wants Congress to keep hands off: "The only opposition that we have heard about has been from the Federal Communications Commission itself. They wrote us a letter saying that, in their opinion, we should just trust them because they can do a fine job of managing spectrum without our advice."

Forrester said that regardless of the position that the FCC may have, it is still an agency that is totally subservient to Congressional oversight and is not a policy-making body. "That was the kind of response we would have expected from the FCC because they do not like to be tied down in any way. They like to be able to do whatever they want to do, but it is the responsibility of Congress to set telecommunications policy and that is all H.R. 73 is. It sets a policy that there ought to be a reserve of spectrum - kind of like a public park - to insure that amateurs and students especially have a place to learn radio skills and to experiment and to serve the public in times of crisis. So we very strongly believe that H.R. 73 will be a contribution to federal communications law and, regardless of what the FCC says, we intend to push forward and gain its passage."

Representative Cooper introduced the House version of the bill. According to Forrester, his boss is not paying much attention to the FCC. On the contrary, Representative Cooper is plowing ahead to get even more Congressional support for this ham radio cause: "We want to mention our thanks to all of the amateurs who have written and called their legislators because - and again I want to stress this - while it has been a real education job that we have had to do (on Congress), getting 160 co-sponsors on a piece of communications legislation is practically unheard of here. All of the hams who have contributed to the knowledge base of the members of Congress who have signed onto the bill

Please turn to page 9

1992 WISCONSIN QSO PARTY

Sunday, March 1, 1992

1800 UTC March 1 to 0100 UTC March 2

(12 noon to 7 p.m. CST March 1)

ALL STATIONS WELCOME

Rules, multiplier list, and score sheet on pages 9 and 10 of this issue

Sponsored annually by the West Allis Radio Amateur Club
P.O. Box 1072 • Milwaukee, WI 53221

ELMER

By Rich Regent, K9GDF



Badger State Smoke Signals

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What's Happening

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Edited by Kenneth A. Ebner, K9EN • 822 Wauona Trail • Portage, WI 53901

Swapfests and Other Social Events

SUNDAY, FEBRUARY 8, 1992. Midwinter Madness Hobby Electronics Show, National Sports Center, Blain Minn. Robbinsdale ARC, P.O. Box 22613, Robbinsdale, MN 55422. (612) 537-1722.

SATURDAY, MARCH 22, 1992. Jefferson County Fairgrounds, Hwy. 18 West, Jefferson, WI sponsored by the Tri-County ARC. Contact TCARC, W9MOB, 213 Frederick, Fort Atkinson, WI 53538.

SUNDAY, APRIL 5, 1992. Madison Swapfest & Computer Fair, Dane County Expo Center Forum Bldg, Madison, WI. Admission; \$4.00 in advance or \$5.00 at the door, Tables \$9.00 advance. Reserve early as this is a sell out every year. Table reservations do not include admission price, you must buy separate admission tickets. Contact MARA, Box 8890, Madison, WI 53708-8890. (608) 249-7579. Watch BSSS for full information on this great event.

SATURDAY, MAY 2, 1992. The Ozaukee Radio Club will sponsor its 14th annual Cedarburg Swapfest, at the Circle-B Recreation Center, Hwy. 60 and Cty. I. Contact ORC Swapfest, 11448 Laguna Dr., Mequon, WI 53092. (414) 242-4995.

SATURDAY, JULY 18, 1992. Eau Claire Amateur Radio Club hamfest, at the Chippewa Falls Fairgrounds. Contact: Lis Searing, N9EQR, 1129 McKinley Rd., Eau Claire, WI 54701. (715) 834-1303.

SUNDAY, OCTOBER 11, 1992. The KMRA 1991 Computer and Ham Radio Swapfest will be held at the Waukesha County Exposition Center, Hwys. J and FT in Waukesha, WI. Contact KMRA Swapfest, P.O. Box 411, Waukesha, WI 53187-0411.

SUNDAY, JANUARY 10, 1993. 21st Annual WARAC MIDWINTER swapfest, Waukesha County Expo

Center Forum, Waukesha, WI. Contact WARAC Swapfest, P.O. Box 1072, Milwaukee, WI 53201. Please note this will be on a Sunday next year instead of the previous Saturday dates.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

Club Meetings



Due to space limitations, we cannot always carry the full listing of Wisconsin and area club meetings. Please see the January 1992 meetings column for the latest complete listing. The following are additions or changes since that listing.

YELLOW THUNDER AMATEUR RADIO CLUB (BARABOO)

Days rotate: Scheduled meeting dates:

Tue. Jan. 14, Wed. Feb. 12, Thu. Mar. 12

Tue. Apr. 14, Wed. May 13, Thu. Jun. 11

Tue. Jul. 14, Wed. Aug. 12, Thu. Sep. 17

Tue. Oct. 13, Wed. Nov. 18, Thu. Dec. 10

All meeting at the Baraboo Civic Center, Baraboo, WI. Meetings start 7:30 p.m.

WASHINGTON COUNTY AMATEUR RADIO CLUB

Second Thursday, 7:30 p.m., Washington County Court House. Net on Thursdays at 7:30

example, if a club meets on the 4th of the month, the material should be sent no later than the 11th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections should be sent to Ken Ebner.

Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebner.

Swapfest information should be sent to Ken Ebner. Swapfest ads should be sent to Jim Romelfanger.

Subscriptions should be sent, with check or money order, to Jim Decker.

Conditions for Reprinting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. This credit is mandatory, and no material may be printed unless it is given. This newspaper is produced by volunteer Radio Amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

p.m. on 146.73.

MILWAUKEE RADIO AMATEURS CLUB

Fourth Thursday, Wauwatosa Savings and Loan (lower level) at 7500 W. State St. in Wauwatosa. No meetings in July, August and December.) Meetings begin at 7:00 pm.

The Test Point



Amateur Radio Examination Locations and Schedules in the Wisconsin Area

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

February 7, 1992	Blaine, MN
February 8, 1992	Madison, WI
February 8, 1992	Dixon, IL
February 8, 1992	Oak Forest, IL
February 15, 1992	Milwaukee, WI (BE)
February 18, 1992	Milwaukee, WI (MRAC)
February 22, 1992	Fond Du Lac, WI
March 10, 1992	Juneau, WI
March 14, 1992	Appleton, WI
March 14, 1992	Madison, WI
March 14, 1992	Marshfield, WI
March 17, 1992	Milwaukee, WI (MRAC)
March 21, 1992	Milwaukee, WI (BE)
March 28, 1992	Menomonie, WI
April 11, 1992	Madison, WI
April 11, 1992	Medford, WI
April 18, 1992	Milwaukee, WI (BE)
April 21, 1992	Milwaukee, WI (MRAC)
May 2, 1992	Ozaukee, WI (BE)
	Ozaukee swapfest
May 9, 1992	Marshfield, WI
May 16, 1991	Fond Du Lac, WI
May 19, 1992	Milwaukee, WI (MRAC)
June 16, 1992	Milwaukee, WI (MRAC)
July 11, 1992,	Marshfield, WI
July 21, 1992	Milwaukee, WI (MRAC)
August 18, 1992	Milwaukee, WI (MRAC)
August 22, 1992	Fond Du Lac, WI
September 12, 1992	Marshfield, WI
September 15, 1992	Milwaukee, WI (MRAC)
October 20, 1992	Milwaukee, WI (MRAC)
November 14, 1992	Fond Du Lac, WI
November 14, 1992	Menomonie, WI
November 14, 1992	Marshfield, WI
November 17, 1992	Milwaukee, WI (MRAC)
November 7 1992	Menomonie, WI
December 15, 1992	Milwaukee, WI (MRAC)

Monthly, First Sat. Racine, WI
(except January, July & August)
Monthly, Last Sat. Tomahawk, WI
(January thru October only)
Monthly, Third Sat. Loves Park, IL

GENERAL RULES

FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 29¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$5.40 payable to "ARRL/VEC".

The FCC now requires applicants to show their original Amateur license to the VEC. A copy of your license must be attached to your

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN: Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

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Subscriptions

1 year	(12 issues)	\$9.75
2 years	(24 issues)	\$18.00
3 years	(36 issues)	\$26.00

Special club package reduced rates are available. For information, contact Ken Ebner, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1.

The only exception is for participating clubs. Participating clubs are requested to send their material no later than SEVEN DAYS after the club's meeting. For

FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

MILWAUKEE RADIO AMATEURS' CLUB, MRAC/VEC

TUESDAY DATES: At 6:30 p.m. at church, 11709 West Cleveland Ave., West Allis, WI. For Information Contact; Jack Krause, W9JK, 1737 N. 116th St., Wauwatosa, WI 53226. (414) 774-6999 or Les Peterson, W9YCV, 9741 W. Howard Ave., Greenfield, WI 53228. (414) 321-4745.

Bring along your original license and two (2) good quality photocopies, plus two forms of identification, such a driver's license, etc. Also required are a pen and \$5.00 for the exam fee. WALK-INS are welcome. To register in advance, use a post card: print the grade of license you are applying for, and your name, address, and telephone number. Send the card to MRAC/VEC, c/o Jack Krause, W9JK, 1737 North 116th Street, Wauwatosa, WI 53226, or to Ed Seruga, KE9JJ, 3840 South 43rd Street #21, Milwaukee, WI 53220. Telephones: (414) 774-6999 or (414) 545-6299.

BADGER EXAMINERS (BE) - MILWAUKEE

Feb. 15, Mar. 21, & Apr. 18 1992.

May 2, 1992. Ozaukee swapfest. (Ozaukee)

Unless otherwise noted, examinations are administered beginning at 1:00 p.m. to 3:30 p.m. at St. Nicholas Church basement, 5345 N. Green Bay Ave. (2 1/2 blocks south of Silver Spring), Milwaukee. Walk-ins are welcome. CW waiver forms are available. Please send a request with an SASE prior to taking an exam, so it is ready when attending the session. To register in advance, send a post card with your name, test or tests you wish to take, date you wish to take., your call sign, address and telephone number to Badger Examiners, Gary J. Sharbuno, W19M, 5119 W. Willow Rd., Brown Deer, WI 53223. Telephone (414) 355-0237.

FOND DU LAC - (W5YI-VEC)

Saturdays, Feb. 22, May 16, Aug. 22, and Nov. 14, 1992.

The Fond du Lac County VEs will administer exams starting at 1:00 pm. Exams are given at the Red Cross Building, 272 N. Main St., Fond du Lac, WI 54935. Please use the back entrance. Talk-in on 147.09+. Walk-ins only, no preregistration is needed. For info call: Gary Pelletier, KA9QOT (608) 837-3433.

JUNEAU, WI - ARRL/VEC

The Rock River Radio Club will hold an examination session Tuesday evening, March 10 at the Dodge County Annex Building, 143 East Center Street, Juneau, WI. Walk-ins are welcome.

MEDFORD, WI

Saturday, April 11, 1992. sponsored by the Taylor County Area ARC. Registration at 8:30 a.m. with testing starting at 9:00 a.m. Held at the multi-purpose building located at the Taylor County Fairgrounds in Medford, WI. Contact Mike Schoenfuss, N9GHZ, 210 S 4th St, P.O. Box 401, Abbotsford, WI 54405-0401. (715) 223-3996.

MENOMONIE WI - ARRL/VEC

Saturdays: Mar. 28 1992 & Nov. 14, 1992

The Northern Wisconsin Radio Club sponsors exams from 9 to 11:30 a.m. at the U. W. Stout Communications Center, 820 South Broadway, Menomonie, WI. Use front entrance of building. Walk-ins are accepted only to extent of available exam materials.

Contact: Jim Ley, NX9F, (715) 235-3998 (H); or (715) 232-1397 (O).

MARSHFIELD, WISCONSIN

1992 dates: Mar. 14, May 9, Jul. 11, Sep. 12, Nov 14.

Sponsored by the Marshfield Area ARS. Second Saturday every other month, at St. Joseph Hospital, School of Nursing entrance. Room 124. St. Joseph Ave., Marshfield, WI. Walk-ins Welcome. Contact Walter Friant, WBOKIN, 2310 Wal-lonnie Dr., Marshfield, WI 54449.

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August.

Racine Megacycle Club

Arne Moxness, KA9ZPY, Secretary

3345 Newman Road • Racine, WI 53406

Meeting Minutes, January 13, 1992

The meeting was opened at 7:30 p.m. by new President Brian, WD9FRH.

Thirty old and new Hams and a few waiting for their licenses were present. We sure have an active club! The minutes as reported in the BADGER STATE SMOKE SIGNAL were approved with minor corrections.

Cheryl, WS9P, Chairman of the 1992 Ham Dinner, gave a report on the upcoming dinner on February 8. Cheryl has been working with representatives from the four radio clubs in Racine. A special thanks to Gary, N9MCH, and Brian, WD9FRH, for their help in collecting door prizes. Along with great food and fellowship all hams will enjoy the magic of Sachin Pawar, a young magician from New Berlin, WI.

Cheryl, WS9P, also reported on the radio Novice class she is teaching at her school, Gilmore Middle School in Racine. As of middle of January James Miller, Cheryl's son, and Brande Gorsiske have passed their written portions and are moving on. Jim is hoping to pass his code test in the next couple of weeks and Brande is studying for her Technician license. Other members of the class who hope to have passed their tests by Valentine's Day are Mark Lewno, Tracy Roscizewski, and Kevin Marten. Cheryl, WS9P, their teacher, promised to spring a party for them when they have all passed. The Club has purchased a ten meter radio and hopes to be on the air this spring. When the weather warms up they will install the vertical antenna on the school's roof.

Cheryl's class wishes to extend a special THANK-YOU to Rev. Jim, WAOPFV, for having them over to his home on January 16 to see his station at work. The young future Hams made twenty meter contacts with Arkansas and Canada, a 2 meter contact with Dave, N8FKN, and enjoyed a packet message from past President Dave, WB9USI. Look out you parents! These kids are even more excited and ready to spend your money on their new hobby (Cheryl, WS9P, with son Jimmy, now a Novice, knows).

The Ham Of The Year will be presented by past winners Dan, KA9OIL,

Bob, W0WLN, and John, WD9DSZ. There will also be numerous door prizes.

Reelected Treasurer Dave, WB9ZIO, gave a report on income and expenses. The present

balance is \$418.75.

Dan, KA9OIL, gave a report on the very active and popular Fox Hunt. Winners for 1991 were Gene, WB9ZKY, and his expert assistant and wife Bonnie, WB9ZKX. Congratulations! Second place winners were Dave, KC9NG, and Bill, WU9P. About 10 teams have been competing during 1991. The first hunt for 1992 was won by organizer Dan, KA9OIL with assistants Gary, N9MCH, and Cheryl, WS9P. Second place was shared by team Bill, WU9P, and Dave, KC9NG. Second was also Dave, N9DLZ. Third place was team KA5WOT, N9JYJ and KA9QJX. Dan told about an important change for the next hunt: The starting place will be the parking lot at Chester Electronics in Kenosha. The Fox Hunts are every four weeks. For information please contact Dave, KA9OIL.

NEW BUSINESS: Dave, WB9USI, past President, told about the upcoming scout event February 10 in Johnson Park in Racine. It is

The Klondyke Derby and will take place in the morning only. Dave said that he can use a few more volunteers with H.T's. Dave, also talked about the exciting Air Show in Racine June 12, 13 and 14 with a double event June 14 with the Lighthouse Run. Coordinator for both events is well known Lloyd, WB9RCO.

Cheryl, WS9P, asked for help from the Megacycle Club to hold radio work shops for students from her school and show things like soldering, measuring with simple electric test instruments etc. The Club decided to hold these sessions at the next two Megacycle meetings. We will run the radio, show how to solder, measure with test instruments, show typical Ham tools, run CW, packet etc. All hams coming to these meetings are asked to bring their HT's.

The new Hams and guests at the meeting were introduced. President Brian, WD9FRH, asked for input for future meetings. He said that you Hams only get out of the meetings what you put into the club. We are still working without a Program Chairman. One of you newer Hams please contact Brian and help him with some programs! It is an excellent way to meet the other Hams and have fun. I can second that since I was Program Chairman one year, undersigned. The "Goodie Box" was raffled off.

The meeting adjourned about 9:30 p.m., and many left for the same restaurant for coffee.

Respectfully submitted,
Arne, KA9ZPY, Club secretary.

Exams are given at 9:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walk-ins are permitted. Inquiries and registrations should be directed to William Firchow, Jr., NW9P, 1912 27th Street, Kenosha, WI 53140, telephone (414) 658-8390.

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Greg Garner, WA9W, 4088 Highway 51, Harshaw, WI 54529. Telephone (715) 453-7096.

MADISON, WI - ARRL/VEC

Feb. 8, Mar. 14, & Apr. 11, 1992.

All exams will be held in the Labor Temple at 1610 South Park St., Madison, WI.

Contact: Gari Berliot, (608) 221-2022

APPLETON, WI - ARRL/VEC

Contact: Larry Siebers, (414) 788-3823

LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (DeVry VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact:

Dennis G. Eksten, W9SS, 5006 N. Second St., Loves Park, IL 61111. (815) 877-6768.

Contact information on other out of state exams. (provided by ARRL/VEC).

Eastern Iowa

03/14/92, Dubuque, 319-582-8563, Mike Jozefowicz

Northern Illinois

02/08/92, Dixon, , 815-284-6380, C. W. Randall

02/08/92, Oak Forest, 312-247-0650, William Koltz

03/14/92, Oak Forest, 312-247-0650, William Koltz

03/22/92, Sterling, 815-284-6380, C. W. Randall

Minnesota


02/07/92, Blaine, 612-459-8678, D. Harrell

02/15/92, St Paul Park, 612-459-8678, D. Harrell


02/22/92, Winona, 507-452-3146, Richard Kolter

03/21/92, St Paul, 612-222-7253, John Bellows

03/28/92, St Paul Park, 612-459-8678, D. Harrell



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Minutes of WNA Meeting December 7, 1991

Meeting on the Air

The meeting was called to order by Chairman Don Stenz, K9KSA.

Roll call was held.

Secretary's Report by WA9ZTY: Asked if minutes were received by everyone, or if minutes needed to be read. No reply. WA9ZTY: It had become aware that everyone had not read their meeting minutes fully, as the on-the-air meeting date was the last entry in the minutes. The constitution requires that meeting minutes must be sent out not less than 7 days nor more than ten days, and that the meeting minutes must be sent out within thirty days after the last meeting. I sent the meeting minutes and the notices together to try to save some money in our dwindling budget. Don, K9KSA, advised me not to try and save postage. The minutes were sent 10 < 7 days before the meeting, which met the notice requirement but failed the minutes requirement.

Minutes were accepted as written and mailed.

Treasurer's Report by KY9P was not available. WA9ZTY reported that from the last minutes we had approximately \$189.17; however, we know that the amount is considerably less. We know that there are expenses that have occurred.

Section Manager's Report: K9GDF not on frequency.

Section Emergency Coordinator's Report: WB9SMM not on frequency.

Assistant Section Manager's Report: K9FHI, nothing to report at this time.

Badger Weather Net Report: WB9YPY reports things are going nicely. We are picking up new spots all the time. We still need stations in the central-western part of the state, in the area near Adrian, from Poplar west toward the top of the state, and also in the Green Bay area. Checkins are between 60 and 70 each day.

Badger Emergency Net: John, WB9ESM, commented as to the number of Snowshoe reports that had been handled and not counted. John went through the reports and counted them. Conditions have not been the greatest. John stated that when folks check in with Snowshoe traffic, that they

Wisconsin Nets

Net	WNA	Freq.	UTC	CST	Mgr.
BWN	Yes	3984	1200	0800	W9AYK
BEN	Yes	3985	1800	1200	WB9ESM
WSBN	Yes	3985	2330	1730	K9UTQ
WNN	Yes	3723	0000	1800	KA9FVX
WSSN	Yes	3645	0030	1830	N9BDL
WIN/E	Yes	3662	0100	1900	WB9ICH
WIN/L	Yes	3662	0400	2200	W9NGP
NWTN	Yes	34/94	0030	1830	NS9Q
(Rhinelander area)					
RCRA	No	01/61	0030	1830	KA9OMC
(Mondays CST) (Menomonee Area)					
Gr. Bay	No	72/12	0245	2045	WB9NRK
(Green Bay Area)					
ARES	No	4.65/5.25	0200	2000	
(South East/South Central Wisconsin)					
RACES	No	3993.5	1400	0800	WA9OAY
(LSB Sunday)					

should just say "weather" to speed things up. Otherwise, 9RN reps have been good. Things in general are good.

Wisconsin Sideband Net: K9UTQ says things are going well, net controls are good. Checkins and traffic are up from the summer months. However, this is normal for this time of year.

Wisconsin Novice Net: KA9FVX could not be heard.

Wisconsin Slow Speed Net: Lee, N9BDL, responded to a suggestion of moving the WSSN to the Novice/Technician frequency as not being a good idea, citing interference and net control problems as a reason. After a short discussion, with input from WB9ICH, W9YCV, AG9G, and W9-CBE, WA9ZTY dropped his suggestion.

Wisconsin Intrastate Net/Early: WB9ICH said nothing to report. Things have stayed the same. We still need 9RN reps, and people to bring traffic down from the Sideband Net. K9KSA received a report from W9OHX that Wisconsin had been represented 92% of the time on Daytime 9RN. We do, however, need more people to share the load.

Wisconsin Intrastate Net/Late: W9NGP wanted to express appreciation to K0SN, Tom, and K8HSB, Sam, who are checking in regularly. K0SN also takes the 9RN quite often; thank you, fellows! All of the NCS slots are filled, and they are regular. W9YCV missed one session out of the last

fifty, and we have 9RN reps 25% of the time.

Northwoods Traffic Net: NS9Q said the NWTN is doing fine 7 days a week. Net controls are super for being there and lending their support.

9RN Rep not on frequency.

WA9OHX not on frequency, but sent report to K9KSA as above.

Assistant Section Emergency Coordinator: Sherm, W9NGT, commented on Snowshoe. His basic point was to keep Snowshoe reporting down to four items: (1) message number; (2) station, (3) location, and (4) snowfall amount. This is operational traffic versus emergency traffic, so it can be counted if the NCS and NM want to.

When checking into nets other than the Badger Weather Net, which has a set procedure, just say "Snowshoe" or "weather", and NCS can direct the traffic. The whole idea is to keep things as short as possible, or it could really tie up net time.

Stations that are picking up Snowshoe reports and N9IDN and KF9EW. Sherm reported that the packet station is not quite yet set up at the National Weather Service, and he would advise us when that would occur.

A short discussion was held on whether or not the Snowshoe traffic could legally be counted, citing that it did not have a full preamble. Some stations said it did, others did not. K9KSA decided we would count it, and worry about it later.

The meeting was adjourned at 1:33 p.m.

Attendance

K9KSA	K9FHI	WB9ESM
K9UTQ	W9NGT	W9NGP
W9YVC	W9CBE	N9FVN
N9BDL	AG9G	KE9VU
NS9Q	W9AYK	WA9ZTY

The next WNA meeting will be on the air March 7, 1992, after the Badger Emergency Net.

An audio cassette tape of the December 7 WNA meeting is available from WA9ZTY. Just send one ninety-minute chrome tape, Maxell, and two dollars for duplicating time, postage, and handling, to WA9ZTY (address in the WNA heading.) You will receive your cassette within two weeks from time of order.

Section Manager's Notes

Richard R. Regent, K9GDF
5003 South 26th Street
Milwaukee, WI 53221



The Wisconsin QSO Party starts at noon on March 1st. Get on the air to meet Wisconsin amateurs and please give the Wisconsin QSO Party a try. If you are already interested in contests, check with AC9C or AG9A for information about the Society of Midwest Contesters and their fine newsletter called the *Black Hole*.

March 22nd, Tri-County ARC Hamfest Jefferson County Fairgrounds on Highway 18 west of Jefferson.

Congratulations to Jim, N9MEB of Stevens Point, who placed third in the International Aerobatics competition flying a biplane through some amazing maneuvers. His story and picture was in *Sport Aerobatics* and the *Stevens Point Daily Jour-*

nal.

Many thanks to W9KLN, Bob of Milwaukee, who has completed 18 months service as the 9RN Net Manager. Bob will continue to help in other traffic handling activities.

Exams: March 14th, Madison info NG9V; March 14th, Marshfield WB0KIN; March 17th, MRAC, info W9YCV or W9JK; March 21st, Badger Examiners WI9M; March 28th, Menomonee NX9F.

New officers of Kettle Moraine RA are Pres. KE9TA; V. Pres. WU9B; Treas. KC9BY; and Sec. WA9BPG.

Formula of the month: *Quality is inversely proportional to the time left for completion of the project.* □

Net news and gossip is on page 8. □

Please Maintain Bulletin ID Numbers!

Thanks to all amateurs who faithfully relay W1AW and other bulletins. Amateurs are reminded to maintain the original bulletin ID number (BID) on all bulletins. BID integrity will greatly aid in decongesting sometimes overworked HF, VHF, and UHF packet networks.

- ARRL Bulletin 1, 1/7/92

Fox Cities Club Plans Guided Tour of EAA Museum in Oshkosh

Karen, WB9ZNA of Neenah, President of the Fox Cities ARC, has put together a Club guided tour of the Experimental Aircraft Association Museum for February 15th at 2 pm. Individuals and families are invited to attend this educational and interesting tour, but there is an EAA admission fee.

- Rich Regent, K9GDF

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American Radio Relay League Board of Directors Meets

The ARRL Board of Directors met in Rocky Hill, Connecticut, January 17-18, 1992. Here is a summary of the highlights:

The Board elected George S. Wilson III, W4OYI to the position of President.

Also elected were Dr. Larry E. Price, W4RA, International affairs Vice President - Rodney J. Stafford, KB6ZV, First Vice President - Jay A. Holladay, W6EJJ, Vice President and Tom Frenaye, K1KI, Vice President.

Executive Vice President and Secretary David Sumner, K1ZZ, was re-elected. The Board elected Barry J. Shelley to the newly created position of Chief Financial Officer. James E. McCobb, K1LLU, was re-elected as Treasurer.

Elected to the Executive Committee were the following Directors: John Kanode, N4MM - Howard Mark, W0OZC - Marshall Quiat, AG0X and Stephen Mendelsohn, WA2DHF.

A satellite VUCC award was added to the VUCC program.

To introduce new hams to the benefits of League membership, a trial membership is being developed.

Texas will be the site of the 1994 National Convention. The event will be held June 10-12 in Arlington.

The Phil J. McGan Memorial Silver Antenna Award was established to recognize excellence in volunteer public relations activities involving amateur radio, and will be co-sponsored by the New Hampshire Amateur Radio Association and ARRL.

In a 6-meter action, The Board directed that all coordination councils and 6-meter repeater sponsors be polled as to their preference for repeater offset.

Affiliated clubs will be recognized for continuous affiliation beginning at 25 years and at 25 year intervals thereafter.

The Editors of the National Contest Journal were congratulated on the Twentieth anniversary of the publication, and commended for their assistance to the contest community.

Official family style QSL cards will be developed for the Field Organization.

The Digital Committee was charged with developing recommendations for changes to Part 97 with respect to HF digital communications. The recommendations will be based on the survey currently underway (See January 1992 QST), and reported to the Board by May 30 of this year.

The 11th Computer Networking Conference will be held in the Northern New Jersey Section in September 1992, and sponsored by the Radio Amateur Telecommunications Society.

Staff will study the feasibility of a Volunteer

Technical Certification Program to increase the technical competence of radio amateurs.

The Board commended the Long Range Planning Committee for its work on the issue of a possible name change for the organization, and directed that membership input on the question be sought.

The Volunteer Resources Committee was charged with developing a program to motivate and train Section Managers and Section-level appointees.

The Charter of the Public Relations Committee was set to provide advice and counsel to the staff's Public Information Manager and the ARRL Account Executive at the League's outside Public Relations agency.

Staff was directed to encourage amateur use of the 902 MHz band and the 1.2 GHz band.

The Legal Strategy Committee was discharged with the thanks of the Board for their contributions in the area of antenna zoning, ordinance and litigation matters.

A committee will be appointed to examine ways to more fully incorporate input from Volunteer Repeater Coordinating groups and repeater users into the Board's decision making process.

Staff will study the feasibility of producing a videotape theory course as a companion to the ARRL *Now You're Talking* study guide.

The Membership Services Committee will study the possibility of exempting QSL Bureau workers from DXCC processing fees.

Full details on the meeting will appear in March QST.

- ARRL Bulletin 3, 1/19/92

USSR Disintegrates, Mail Service in Former Union Does Likewise

There are reports of some problems with mail handling in the former USSR. U.S. amateurs corresponding with their Russian counterparts are advised to use registered mail, place tape over all envelope seals, and to not use call signs or rare or interesting stamps on envelopes.

Thanks to Ed, NT2X, and AMSAT for this info.

- ARRL Special Bulletin 1, 1/7/92

Amateur Stops Broadcasting

Jerry Thompson, WA9SFH of Brown Deer, retired from WTMJ AM-FM-TV after 35½ years as a broadcast engineer. Jerry worked on remotes, transmitters, film, tape, cameras, records, recording and electronic equipment, with definite hands-on experience in emerging technology. He has many stories of working with celebrities and live shows.

Best regards for a long and healthy retirement!

- Richard Regent, K9GDF

1992 ARRL National Convention

The American Radio Relay League's 1992 National Convention will be August 20 - 23 at the Los Angeles Airport Marriott Hotel. The convention is sponsored by the Los Angeles Area Council of Amateur Radio Clubs and the Orange County Council of Amateur Radio Organizations. More information is available by sending an SASE to

Important Reader Detects Error

Although the mistake was slight and minor, permit me to straighten out the facts. I wrote in the January BSSS that W9LA of Madison was "appointed by ARRL Headquarters as a DXCC Field Representative." This is incorrect. Instead, according to American Radio Relay League President Larry E. Price, W4RA, who wrote to me recently, "By Board action, such appointments are made by the president after nomination, review, and consideration. It is not a rubber stamp matter, either, but I hope the president (either me or my successor) will give careful consideration to the important appointment."

So, by the process Larry correctly described above, W9LA became a Field Representative who helps with basic DXCC applications.

Larry adds, "I really do enjoy and read the BSSS each issue."

Thank you for helping, Larry.

- Richard R. Regent, K9GDF

Hamcon, Inc., P.O. Box 570756, Tarzana, CA 91356.

- Paul, N6WZR, via packet

Cellular Listener Convicted

Robert W. Dunnington has been sentenced to 3 years probation, a \$500 fine, and 30 days in a community rehabilitation center for eavesdropping on cellular telephone conversations. Dunnington, 44, was the radio hobbyist who monitored and recorded cellular telephone calls that included the governor of Virginia, Douglas Wilder, discussing Senatorial candidate Charles Robb. He gave the tape to Charles Robb's supporters, who in turn made it and its source public.

Dunnington was indicted and eventually pleaded guilty to a single count of intercepting and disclosing an electronic communication. The charge was lodged under the older Federal Wiretap Laws, rather than the Electronic Communications Privacy Act. The ECPA explicitly makes cellular listening illegal.

- Westlink Report, 1/15/91

"You can make it illegal, but you can't make it unpopular."

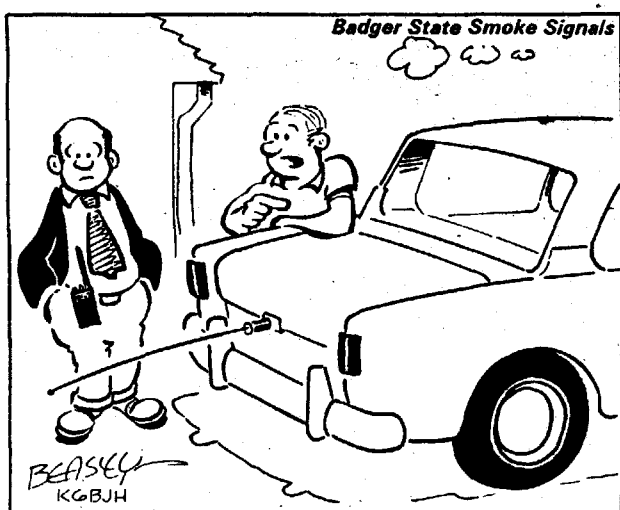
- The late Clyde Downing, W9HSY

Hungary for a Reply

Chuck, W9CHD of Waukesha, recently received a letter and one of his old QSL cards from a contact he had with a Hungarian station in 1956. We can only guess the purpose of the mailing after 36 years, since the letter is written in Hungarian. If anyone knows of a translator, they should get in touch with Chuck, quick?

- Rich Regent, K9GDF

Does your local library subscribe to Badger State Smoke Signals? If not, perhaps your librarian could make good use of the form below. Or, if you're not a subscriber, you are welcome to use the form yourself. Come aboard!



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One Les, One Bob, and Hundreds of Mikes

By Les Peterson, W9YCV

9741 West Howard Avenue, Greenfield, WI 53228

Just how many of you are aware that a really outstanding collection of microphones is located in Milwaukee? It is, and it has perhaps the largest private collection of microphones in the United States, or the world. What is it called and where is it located? It is the *Bob Paquette Microphone Museum*, at 107 East National Avenue, Milwaukee, WI 53204.

Recently a friend and I visited this museum and chatted with the owner, Bob Paquette. We took a few pictures, some of which accompany this article. Bob is really no stranger to many of us as he is a frequent swapfest attendee looking for microphones to add to his collection. Also, his ad has appeared as the first one in the A.R.R.L. *QST* Ham-Ads ANTIQUE-VINTAGE-CLASSIC column for many years. I asked Bob if he is finding any more of them. His reply was that his wants have narrowed down to about two of them which he presently does not have.

He began collecting in 1950. Bob, being somewhat of a restless type, quit school at the age of sixteen and went to work in 1947 for Western Sound and Electric Labs. After a few years there and with another company, Bob's interest definitely was established in sound work. So, in 1958 he began his own business called "Select Sound Service, Inc." and that is the location of the museum.

His previous work experience, plus the opportunity to get some sound equipment from a company going out of business, sparked Bob's interest in microphones and thoughts about a museum. The museum is in a large room on the second floor and the collection lines all four walls. The captions on the photos tell much of the story so I will not repeat that, but will mention things gleaned during our conversation.

The oldest microphone in his collection, which first reproduced speech, is a liquid type made in 1876. To me, the oddest one, which actually had been used in a business establishment, was a dressed up version of the tin can with string model that children often put together. Another very interesting item was an early condenser microphone preamplifier with formed wire conductors (which was the practice in the 1920s and 1930s) built into a well made, varnished, wooden container.

There was a time when Bob loaned out items for use in TV shows and the like. However, the items too often came back needing refurbishment. Another time a major network borrowed some items, and it took Bob several years to get the items back. So, you guessed it, the practice of loaning items has ended.

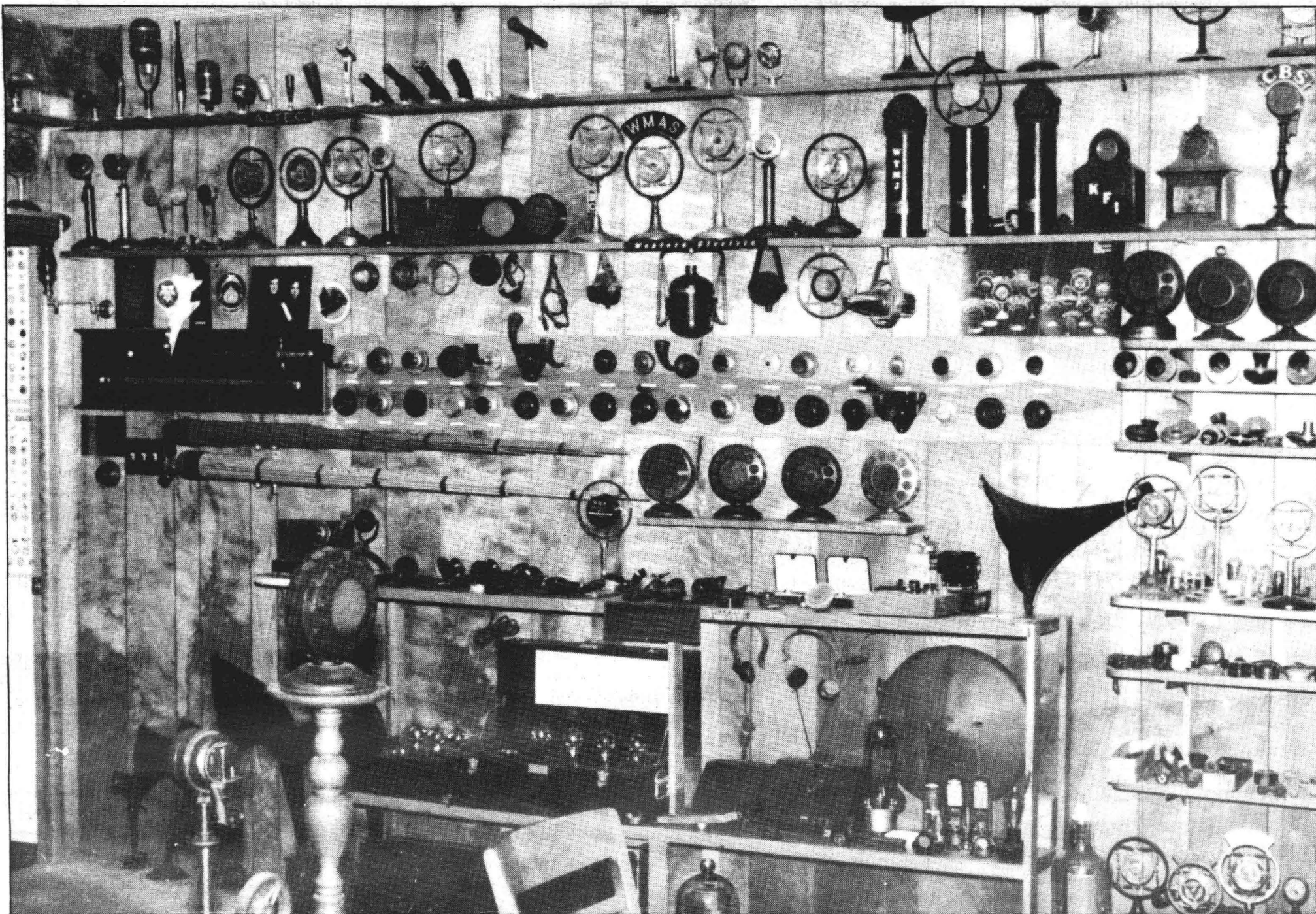
Have you ever thought of your head being a loudspeaker with your teeth clamped together? Bob has an old speaker driver with an extrusion like a small pendulum (a stiff piece of wire with a circular flat metal disk on its free end that



is smaller than a dime but thicker). He plugged the attached cable into the output of a Hi-Fi system in the room and held the driver in his hand -- no sound came forth. Next he had me clamp this metal disk between my teeth -- lo and behold -- sound came forth from my jaws -- and I was not muttering a word myself.

Bob has put together a book larger than the Metro-Milwaukee area Yellow Pages' directory, which could be a reference book on the development stages of microphones and their use in the general sound industry. He has considered having it published, but has not done so yet.

With such an interest in sound, you would expect that Bob has an amateur license. At one time, he was a Novice with the call WN9VAQ but time spent on



Three displays are set up to show the service and rebuilding process of the early carbon and condenser microphones, along with the special apparatus used. Since the microphone evolved from the telephone, a variety of telephone transmitters is on display along with a few early telephones. To make the museum more interesting, early radios, crystal sets, headsets, horns, speakers,

tubes, radio parts, keys, sounders, test equipment, phonographs and a library of early wireless and radio are also included. The museum is open to the public by calling Select Sound Service, Inc., 107 East National Avenue, Milwaukee, Wisconsin 53204, (414) 645-1600.

- Photos by Les Peterson/W9YCV

the radio was not conducive to a peaceful home life, so he let his license lapse.

Bob also spent a few years (1948-1950) in the Air Force and is now into a collection of Air Force patches, insignia, rank chevrons, etcetera, many of which are mounted on a board. In another room, he has mounted a large speaker horn (and I mean large) that came from a theater. It is the very early type that was mounted behind the movie screen back when movies first had sound. The speaker driver is just slightly larger than the ones we "oldtimers" remember being on the 1920s vintage horn speakers. Its cable was plugged into cassette tape player with about a watt or less output. The music sound level that came out would make you think it was connected to a high power amplifier.

The newest item being added to his general collection is a transceiver that came out of a Russian-built tank used by Iraq during the Desert Storm conflict.

On our way out, we again passed through the shop area where the refurbishing is done, and we were shown another room with boxes and boxes of periodicals which provide a source of research information. Back on the first floor we got to see a couple of antique Model T Fords that had been completely refurbished and another vehicle in the process of refurbishment.

This afternoon with Bob and his museum was certainly informative and enjoyable. Whenever you expect to be in the Milwaukee area on a weekday with some free time, plan to visit this museum. I am confident you will enjoy it, as have other visitors from all over the world. Bob can usually be reached on weekdays at 414-645-1600 to arrange for a tour. □



Bob Paquette spins a tale about the condenser microphone that Les Peterson, W9YCV, the author of this article, is holding. Bob is a former ham, having held the Novice call sign WN9VAQ.

Product Review

By Richard Steck, W9RS
P. O. Box 642
Lake Forest, IL 60045

The Radio Shack HTX-202 2-Meter FM Transceiver

Thanks to my friend Jay, N9LFG, I had the opportunity to inspect the new 2-meter transceiver offered by Radio Shack. Without the advantage of laboratory test equipment, this review will focus on the more evident features of the new VHF handheld. Objecting to their product quality in general, I am not normally a Radio Shack fan, so I must say that my review started with a negative bias.

Physically, the HTX-202 is a full-sized HT. It is approximately the size of the Kenwood TH-225A and ICOM IC-2GAT. It looks more like the Kenwood than the ICOM. The rear part of the body case is metal and probably a generous heat sink. The display is on the front and all indicators are read easily.

The HTX-202 has twelve standard memories, a calling frequency memory, and three priority memories. Each memory is individually programmable in its offset and sub-audible tones. This number of memories is probably more than adequate for the active 2 meter FM user. The sub-audible tone encoder-decoder is included in the HTX-202. The sub-audible tones are used not only in transmit mode, but also can be used for paging purposes. By pressing the M button at the side of the unit, one sees a useful display of transmit frequency, transmit sub-audible tone frequency and receive sub-audible tone frequency. Touch-tone sequences can be stored in five available memories and then recalled for autopatch purposes.

The stated frequency range of the HTX-202 is 144-148 MHz. Any attempt to enter a frequency outside of this range is rejected. I would imagine that in time, some secret keystroke sequence that opens up the receive frequency range will be uncovered and widely disseminated.

Using simple test equipment, I measured the power output to be as follows:

Input Voltage	Low Power Out	Full Power Out
13.8	2.0 Watts	7.0 Watts
10.8	2.0	3.6
7.2	1.6	1.7

Output power was within specifications. Note also that the effect of the Low Power switch is greatest at the higher voltages. With the supplied 7.2 volt pack, the Low Power switch is not very effective. On-the-air tests with N9JJK validated this observation.

I found the general operation of the keypad, e.g., setting repeater offsets and subaudible tones, is not entirely obvious without the help of the manual. However, operation is within the generally accepted standards of complexity for modern microprocessor controlled devices. Getting across

to it is not a problem. The keypad has a good feel and, unlike the miniaturized versions of HT's, is large enough to not require pointed fingertips.

Power to the HTX-202 may be supplied by a regulated external 12 Volt DC source (not supplied), or by battery packs. The external source feeds through a standard coaxial 12 volt DC jack at the top of the HTX-202. Radio Shack elected to use the standard convention of center terminal Positive. Two battery packs are supplied with the HTX-202: a 600 mah Nicad pack, and an empty case for use with six alkaline batteries. The 600 mah Nicad pack must be charged through its own 12 Volt jack. It was a pleasant surprise to discover that my ICOM BP-8 battery pack was interchangeable with the HTX-202 pack. This feature probably will make the HTX-202 attractive to current owners of ICOM HT equipment. The HTX-202 Nicad pack would not charge in the ICOM BC-35 charger; it must be charged through its own charging jack.

The HTX-202 has an optional power-save feature that turns the receiver on for a programmed sampling interval. For example, on for 1/20th of a second and then off for a selected period of, e.g., 1/4 of a second. I did not see any automatic power-off feature which would turn the unit off after a programmed interval if accidentally left on. If you tend to be long-winded, there is a transmit time-out option that permits you to limit your transmission duration from 30 to 120 seconds.

The HTX-202 offers a variety of scanning modes in which either a stored frequency range or programmed memories may be scanned. Resumption of scanning is also optional, e.g., scan may be resumed after a ten second delay, resumed after carrier drops, or not resumed. The frequency step is programmable and priority scan is offered.

Unlike the new crop of sub-miniature HT's, audio quality is crisp and undistorted. I was pleased to find that my two-plug ICOM speaker mike plugged directly into the HTX-202 and worked well with it. Compared to the ICOM IC-2GAT, the HTX-202 volume can be deafening.

Documentation consisted of a 38-page manual and included a schematic. The manual was not as clear as it could have been. On-the-air tests were satisfactory and produced no unpleasant surprises. I was able to trigger major repeaters 30 miles away with a rubber duck and the supplied Nicad battery pack. I found the HTX-202 receiver to be exceptionally sensitive.

I uncovered one anomaly which Radio Shack Customer Service in Fort Worth advises me is a defect in my unit and not a design flaw. In either VFO or Memory mode, rotation of the main tuning knob steps the displayed frequency or memory channel upward whether the knob is turned clockwise or counter-clockwise. It should be upward or downward, respectively. Let's hope this is a bug in my up-down encoder which Radio Shack will promptly fix.

In summary, except for the one defect mentioned above, the HTX-202 exceeded my expectations. If you need a 2 meter HT, or an extra HT for packet purposes, do consider it. The price is right, and it has many pluses.

[Reprinted from North Shore Radio Club Transmitter, Highland Park, IL]

Radio Amateurs to Take Part in Wausau "Shuttle Bus" Space Flight Experiment

Amateur Radio operators will be part of a project underway in Wausau which involves converting a donated school bus into a "space shuttle" for a five-day mission, set for "launch" on May 11. All elementary schools will be converted into "planets", which will each be visited by the student "astronauts" on the bus.

Many resource people throughout Wausau will give in-depth training to the student astronauts selected to be on the bus. Resource people involved will include pilots, scuba divers, doctors, meteorologists, chemists, physicists, and others.

Riverview Elementary School will serve as Mission Control, with ham radio operators set up at each school.

One school will be working with people from food services, planning and preparing the week's menu for the astronauts. Mission flags, patches, and shuttle names will be designed by each school. Throughout their involvement in the project, students will learn about the extensive variety of career choices, while also having the opportunity to take part in a "team effort." This will allow students to take the lessons they have studied in all their textbooks, push through the four classroom walls, and bring the books to life.

The project is a genuine community team effort, with more than 300 companies, industries, and organizations having assisted with labor, materials, or funding.

It is understood that President George Bush and Wisconsin Governor Tommy Thompson may attend. □

Editor's Note: The above information was excerpted from a document which was written by a Sharon Ryan, and forwarded to Section Manager Richard Regent, K9GDF, by Frederick Prehn, WX9W. We have received no definite information from anyone in Wausau about Amateur Radio plans for the experiment. □



WILL YOU TIE THIS GUY WIRE TO YOUR BELT, ROLLO, WHILE ED, HERE, TAKES ME DOWNTOWN TO GET AN ELECTRIC

Religion and Ham Radio

Guest Editorial by
Mark Thompson, WB9QZB
 P. O. Box 357
 Mount Prospect, Illinois 60056

The last year has seen much controversy in ham radio regarding subjects such as censorship, broadcasting, packet bulletins of commercial nature, and questionable use of ham radio by missionaries and phone patch nets. Some packet BBS SysOps were recently cited by the FCC for re-transmitting a message of commercial nature, yet there are ham radio groups who do that on a regular basis and they aren't cited by the FCC. Let's take a look into it this month.

I was at the Dayton Hamvention and, as I was wandering through the exhibitor areas, I came across the RAIN booth. I had the opportunity to visit with Hap Holly, KC9RP, and for the first time, I met Glen Baxter, K1MAN. A short distance away, I noticed a couple of Christian-oriented ham radio organizations. So, I went over to talk with them.

What I discovered in the Christian ham booths disturbed me greatly. I started by asking them what the purpose was of their organizations. It seemed innocuous enough, until I asked them whether they thought it was legal to use ham radio for the business and logistical needs of their religious organizations, instead of commercial means such as phones, mail, etc. Now, I have heard missionaries regularly on a schedule ordering supplies, bibles,

discussing financial matters, and running personally beneficial phone patches, most of which could have been conducted by the mail or by commercial telephone service.

There are, of course, situations where ham radio is critical in an emergency situation in a remote location, but I'm not talking about that here. What I'm describing is using ham radio by an organization to further the business of their organization.

The first thing the religious group said was that their missionaries are many miles from unreliable phones, and that it was OK to use ham radio for that. When I mentioned that that was the missionary's choice and didn't justify the use of the ham radio, they responded by saying that they're a non-profit organization. I then indicated to them that the FCC makes NO distinction between non-profit and for-profit organizations in the rules, and that the rules prohibit explicitly business communications. They then asked me whether I was a Christian. I told them it didn't matter, but let's for argument assume I am. They then started to try to change the subject into a religious discussion. I was unable to discuss the original issue further and politely walked away.

After I left, I was pretty disgusted by what I had heard. I had always surmised this, but now I had heard it first-hand. I should point out that I was raised as a Lutheran, and I am not anti-religious in any way, but this blatant use of ham radio for business use by religious organizations is clearly wrong. By the way, I have no problem with Christian fellowship nets, etc. on ham radio.

While I can't condone jamming or bad operating practice, could it be that the BARF people

may be on to something here? If a religious group can rationalize the use of ham radio to further the business of their organization, then almost any business or organization could do the same thing. This would lead to the eventual overrunning of ham radio by business interests. With the 220 reallocation, I think we already have enough of that.

So, why hasn't the FCC done anything about it? The violations I've heard on the air seem quite obvious. Could it be that FCC is apprehensive of citing religiously-oriented hams who misuse ham radio because they're scared of the political backlash. It could be, since I'm sure the religious groups might misuse the separation of church and state issue in this case, and that's not what we're discussing here.

So, I'm not sure why the FCC hasn't prosecuted these rules violations. They are certainly more offensive than the packet BBS sysops cited in that fiasco.

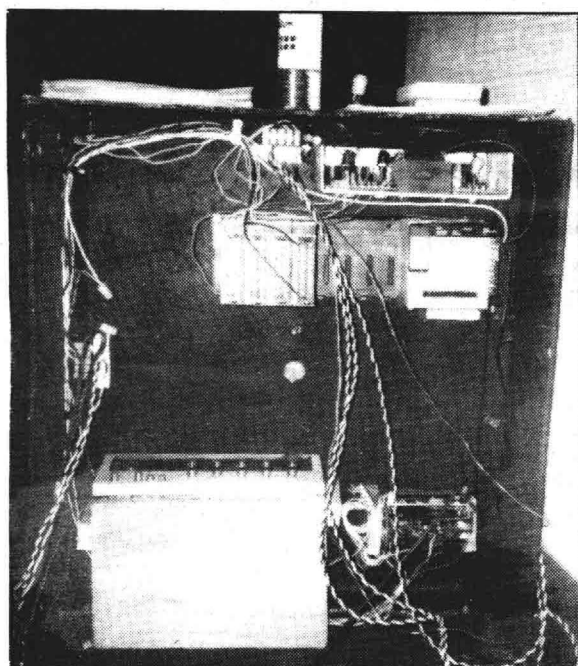
You need to write the FCC and your ARRL Director and Vice-Director today and express your ideas regarding this. Be sure to report specific instances of violation to your FCC field office. Don't be scared that you might be labeled an atheist, because this issue has really nothing to do with religion. It's a matter of principle of what ham radio is really intended for.

If you want to hear the RAIN Dial-Up Service, including my editorials, you can call (708) 29-9-INFO. The RAIN Dial-Up is updated weekly. See you next month.

73, Mark, WB9QZB

Packet Address - WB9QZB @ KB9DIP.IL.USA.NA

Hams Help Build Haunted House



Pictured at right is Marc Winzenried, WA9ZCO, of Dorchester, WI, who helped construct one of the scenes for the Abbotsford Jaycee Chapter's annual Halloween Haunted House this past October. Also working on this particular scene was Mike Schoenfuss, N9GHZ, a member of the Abbotsford Jaycee Chapter. The scene included three monsters with red LEDs in their eyes. A fourth monster stood in a box painted with yellow fluorescent paint, and had a black light pointed at it. The entire display was controlled electronically from the panel shown at left. The panel controlled the on-off sequencing of the black light, the red LEDs in the monsters' eyes, four strobe lights pointed at the monsters, and an 8-track tape player with a sound effects tape. The panel includes the 8-track player, a stereo amplifier, power supply, and an Omron Industrial programmable logic controller. The stereo amplifier was connected to a pair of speakers, good for about 50 watts each, with 10-inch woofers and 3-inch horn tweeters. A red backlit button on the side of the control panel was used by the haunted house guides to activate the entire light and sound sequence. The display was a big hit with the kids attending the 1991 Haunted House.

- Story and photos by Mike Schoenfuss, N9GHZ



Wisconsin Nets Association

Nets News and Gossip • Edited by the Net Managers

Wisconsin Intrastate Net/Late (WIN/L)

Ed Rice, W9NGP, Net Manager
 W-126 Lang Road
 Oconomowoc, WI 53066

Well, so much for 1991. I was just getting used to writing 1991, and now it's 1992 already.

We in the 2200 club are proud of our totals for the year. We look pretty good when you consider the competition that a CW net has with the computerized traffic handlers and the phone nets. Here are some of the totals:

QNI	2362	QTC	789
QSP	585	TIME	3562

We are pleased to have K0SN with us. He is an excellent CW traffic man, and handles the 9RN responsibilities frequently. K8SB is also a regular participant, and we are glad to have him aboard; he

brings us lots of traffic.

N9BDL, the Super Sticker Licker, is the manager of the famous Slow Speed Net, and he found time to check into the WIN/L a total of 355 times in 1991; he never missed his turn at NCS on Saturday nights. The next highest QNI for the year is W9YCV, who checked in 326 times.

WIN/L had a good year in 1991, and we are looking forward to an even better 1992.

73, Ed

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League Asks FCC to Clarify Rules to Restore "Traditional" Amateur Radio Public Service Communications Work

The American Radio Relay League has sent a letter to the FCC, proposing restatement of FCC rules concerning business communications. The proposal follows talks between the League and the FCC Private Radio Bureau, and is not a formal Request for Rule Making.

The proposed rules clarifications would return to amateurs the unfettered ability to conduct traditional public service work, while still continuing to strictly prohibit amateur communications in which a pecuniary interest is involved.

- ARRL Bulletin 3, 1/17/91



OUR WANT ADS GET RESULTS

WANTED: Heathkit DX-35 or DX-series before DX-35, or HX-11 transmitter, in nice condition. ALSO WANT: Rotator for single-element dipole. Millard Christianson, 424 W. Pine, Sturgeon Bay, WI 54235. (414) 743-1310.

FCC Tells Congress it Doesn't Like H.R. 73

Continued from front page

should give themselves a pat on the back for doing a good job and making sure that the members are up to speed on the substance of this issue, and that they are doing the right thing by signing their names on the dotted line to give us support."

Forrester advised the amateur radio community to continue to pressure legislators on this issue, with special efforts to be made to several key players: "I would advise ham operators to keep in touch with Congressman Carlos Moorhead, Don Ritter, Jack Fields, Mike Oxley, Michael Bilirakus, Stan Schaffer, Joe Barton, and Norman Lent. All of those are key players on telecommunications mat-

ters, and this is the type of an issue that I believe we will need to have strong Republican support for, although we are doing terrific on the Democratic side. Ad, we are doing well with Republicans who are not on the committee, but getting those folks (Republicans on the telecommunications sub-committee) on board would help."

- "Let's Talk Radio,"
N6TAF, Newsline in Westlink Report, 1/15/92

Badger State Smoke Signals encourages ALL our readers to write their representatives and senators to indicate their support for H.R. 73. Our most recent information was that only three of Wisconsin's nine representatives had signed as co-sponsors of H.R. 73. Why not all nine? The Wisconsin co-sponsors are Kleczka, Gunderson, and Moody.

Correspondence

...from our readers

January 12, 1992

Hi Jim:

Great job on the January issue. Glad to get the RFI story.

Good change on printer, better definition on pictures.

My radio club here (in Florida), Indian River Radio Club, with 420 members, enjoys my copy.

Rarely hear any of you local hams on HF. All frozen?

73, Bob Baird, W9NN/4



1992 Wisconsin QSO Party

Sponsored by the West Allis Radio Amateur Club
P.O. Box 1072 • Milwaukee, WI 53221

That once-a-year, eagerly anticipated frolic on the air, the Wisconsin QSO Party, will be upon us on Sunday, March 1, from 12 noon until 7 p.m. CST. This QSO party, sponsored by the West Allis Radio Amateur Club, has justifiably gained a reputation as one of the best in the U.S. (and elsewhere, too) because of the high level of participation by not only Wisconsin stations, but by radio amateurs in Canada and in other parts of the world as well.

The party is a seven-hour "sprint," rather than one of the many "all week-enders" that predominate the ham radio contest world. It is open to all hams, regardless of location or class of license.

The party brings out a number of mobile stations which travel during the seven hour event. These mobiles activate many of the more "rare" Wisconsin counties. A number of out-of-state and out-of country stations take part, in large part to catch those rare counties, which seem impossible to work during the rest of the year. Many of these mobile operators go to great lengths to "activate" as many counties as possible, carefully planning their routes to take them through as many different counties as possible. Some even operate high power, towing trailer-mounted generators behind their vehicles.

The top ten scores in the 1991 party, Single Operator, Fixed Station category were: (1) W9XT, Washington County, 71,683 points, (2) W9UP (KA9FOX, operator), La Crosse County, 57,846, (3) WA9-TZE, Milwaukee County, 57,024, (4) K9OSH, Waukesha County, 43,608, (5) K1TMM, Milwaukee County, 42,930, (6) N9AW, Milwaukee County, 37,037, (7) WA1-UJU, Waukesha County, 35,866, (8) WB9HRO, Sawyer, 35,366, (9) WG9U, Milwaukee, 33,075, and (10) NK9G, Milwaukee, 31,493.

Top Multi-Operator Mobile last year was NZ9Z (home county Manitowoc), with 24,118 points. Winning the Multi-Operator Fixed category was KB9S/9, Eau Claire County,



1992 WISCONSIN QSO PARTY RULES

DATE/TIME: MODES:

1800Z MARCH 1 - 0100Z MARCH 2, 1992

CW and Phone. All stations may be worked once per mode on each band. In addition, mobiles may be worked once per mode per Wisconsin county that they operate from. **No Repeater QSOs.**

ENTRY CLASSES:

Single Operator Fixed
Single Operator Mobile
Single Operator Novice
Single Operator Tech

Multi Operator Fixed
Multi Operator Mobile
Multi Operator Novice
Multi Operator Tech

Multi Xmtr/Multi Op Fixed
Multi Xmtr/Multi Op Mobile
Multi Xmtr/Multi Op Novice
Multi Xmtr/Multi Op Tech

EXCHANGE:

Wisconsin stations send county.
Non-Wisconsin stations send state/province.

FREQUENCIES:

CW: 3550, 3705, 7050, 7125, 14050, 21150
Phone: 3890, 7230, 14290, 28400.

** Suggested frequencies **
** Other bands may be used **

SCORING:

Phone contacts count 1 QSO Point; CW contacts count 2 QSO Points.
WISCONSIN STATIONS: Multiply the sum of QSO points by the sum of Wisconsin counties (max. 72), plus states (max. 50) plus Canadian provinces (max. 13) worked. Note: DX countries worked count for QSO points but not as multipliers.
NON-WISCONSIN STATIONS: Multiply the sum of QSO points by the number of Wisconsin counties worked (max. 72).

BONUS:

WISCONSIN MOBILES/PORTABLES: Add 500 bonus points for each county that you operate from, outside your home county, with a minimum of 15 QSOs per county to qualify.

LOGS:

Entries must contain a log consisting of: Time (GMT), call, band, state/province, Wisconsin county, mode and a complete Score Summary including YOUR name, address and call. Circle new multipliers as worked. Logs containing more than 200 QSOs must be accompanied by a dupe sheet (separate dupe sheet for each mode). Mobile entries must indicate county changes in log.
Entries must be postmarked by **April 15, 1992** and sent to:

WISCONSIN QSO PARTY
WEST ALLIS RADIO AMATEUR CLUB
P. O. BOX 1072
MILWAUKEE, WI 53201

AWARDS:

NON-WISCONSIN: Awards will be presented to the highest single operator score in each single operator category in each state/province.

WISCONSIN: Awards will be presented to the following:

- Plaque to highest single operator score in the QSO Party.
- 10 highest single operator scores in each entry class.
- Highest multi-operator score in each entry class.
- Highest aggregate club score (club member stations to be located within 50 miles of the club except for mobiles).

WISCONSIN COUNTIES				STATES			CANADIAN PROVINCES
ADAMS	FLORENCE	MARATHON	RUSK	ALABAMA	LOUISIANA	OHIO	ALBERTA
ASHLAND	FOND DU LAC	MARINETTE	SAUK	ALASKA	MARYLAND (D.C.)	OKLAHOMA	BRITISH COLUMBIA
BARRON	FOREST	MARQUETTE	SAWYER	ARIZONA	MASSACHUSETTS	OREGON	LABRADOR
BAYFIELD	GRANT	MENOMINEE	SHAWANO	ARKANSAS	MAINE	PENNSYLVANIA	MANITOBA
BROWN	GREEN	MILWAUKEE	SHEBOYGAN	CALIFORNIA	MICHIGAN	RHODE ISLAND	NEW BRUNSWICK
BUFFALO	GREEN LAKE	MONROE	ST. CROIX	COLORADO	MINNESOTA	SOUTH CAROLINA	NEWFOUNDLAND
BURNETT	IOWA	OCONTO	TAYLOR	CONNECTICUT	MISSISSIPPI	SOUTH DAKOTA	NORTHWEST TERRITORIES
CALUMET	IRON	ONEIDA	TREMPEALEAU	DELAWARE	MISSOURI	TENNESSEE	NOVA SCOTIA
CHIPPewa	JACKSON	OUTAGAMIE	VERNON	FLORIDA	MONTANA	TEXAS	ONTARIO
CLARK	JEFFERSON	OZAUKEE	VILAS	GEORGIA	NEBRASKA	UTAH	PRINCE EDWARD ISLAND
COLUMBIA	JUNEAU	PEPIN	WALWORTH	HAWAII	NEVADA	VERMONT	QUEBEC
CRAWFORD	KENOSHA	PIERCE	WASHBURN	IOWA	NEW HAMPSHIRE	VIRGINIA	SASKATCHEWAN
DANE	KEWAUNEE	POLK	WASHINGTON	IDAHO	NEW JERSEY	WASHINGTON	YUKON TERRITORY
DODGE	LA CROSSE	PORTAGE	WAUKESHA	ILLINOIS	NEW MEXICO	WEST VIRGINIA	
DOOR	LAFAYETTE	PRICE	WAUPACA	INDIANA	NEW YORK	WISCONSIN	
DOUGLAS	LANGLADE	RACINE	WAUSHARA	KANSAS	NORTH CAROLINA	WYOMING	
DUNN	LINCOLN	RICHLAND	WINNEBAGO	KENTUCKY	NORTH DAKOTA		
EAU CLAIRE	MANITOWOC	ROCK	WOOD				

Please turn the page

A Tower, a Sandwich, and Dave

Dave Schmocker, KJ9I, is known for many ham radio accomplishments; among them are operating at DX-predictions and working 160 meter DX. Recently, he was promoted to Field Supervisor for the telephone company, and bought a home on a two-acre lot surrounded by corn fields near Manitowoc.

Either he's trying to contact all nine planets or attract lightning, because he has put up a 165-foot rotating tower. Did I get that height correct? His tower has several beams: 8 elements on 10 meters; 6 on 12; 6 on 15; 5 on 17; and 5 on 20. A 3-element beam for 40 meters waits on the ground because it is too big. Many of us have the same problem.

Draped from the tower are half-wave slopers for 160 meters. Over in the other direction are two quarter-wave verticals, one for 80-meter CW and the other for 75 phone.

The South Sandwich Islands will be Dave's and seven other hams DX-pedition home for two weeks, starting March 22. Dave won't be taking his tower along, but he is a crack operator. The gang will be using a VP8 call sign, to be announced later. "I'm ready to go, and I'd go tomorrow if possible," says Dave, with a big smile.

I wonder if, in a moment of hunger, they might be eating the *sand* which is there on the island?

Give Dave a call if you hear him!

- Rich Regent, K9GDF

5003 South 26th Street, Milwaukee, WI 53221

New Jersey Alters Overly Restrictive Motor Vehicle Anti-Scanner Law

New Jersey has changed its law regarding the possession of radios in motor vehicles. On Monday, January 20, Governor James Florio signed New Jersey Law S-305, superseding a law that had been on the books since 1926. Under S-305 it no longer is a crime for private citizens, including radio amateurs, to have in their vehicles a radio capable of scanning governmental frequencies. Efforts to change the law were spearheaded by members of the ARRL Volunteer Field Organization.

Under the old law, it was illegal for amateurs to carry in their cars VHF or UHF ham transceivers capable of tuning to police and fire frequencies near the ham bands. Even transporting a scanner radio by car from a retail store to one's home technically was a crime. The new law still makes it a criminal offense to use such a radio to gather information for the commission of a crime. Possession of such a radio at the time of arrest for a crime is considered de facto evidence of its use in the commission of the crime. The new law does not apply to simple traffic infractions such as speeding.

New Jersey Law S-305 was drafted by ARRL Volunteer Counsel Frank Terranella, N2IGO. Others amateurs assisting in its presentation were Volunteer Counsel John Norton, N2IOB and ARRL Hudson Division Assistant Director John Burgio, W2JB. Hudson Division Director Steve Mendelsohn, WA2DHF, Assistant Director Ken Hampton, KY2S, My Olive (NJ) Councilman Bill Sohl, K2UNK, NNJ Section Manager Rich Moseson, NW2L, and former SNJ SM Rich Baier, WA2HEB also contributed to the successful campaign.

- ARRL Bulletin 4, 1/22/92



1992 WISCONSIN QSO PARTY SCORE SUMMARY SHEET

Name _____ Call _____

Address _____

City _____ State/Province _____ Zip _____

Home WI County _____ Club Affiliation _____

ENTRY CLASS: ☐ Single Op Fixed ☐ Multi Op Fixed ☐ Multi-Multi Fixed
☐ Single Op Mobile ☐ Multi Op Mobile ☐ Multi-Multi Mobile
☐ Single Op Novice ☐ Multi Op Novice ☐ Multi-Multi Novice
☐ Single Op Tech ☐ Multi Op Tech ☐ Multi-Multi Tech

WI Counties Worked From _____

SCORING: CW QSOs _____ x 2 = _____ CW Points
 Phone QSOs _____ x 1 = _____ Phone Points
 Sum of CW + Phone Points = _____ QSO Points
 Number of Multipliers = _____ Multipliers
 Wis. Counties (Max. 72) _____
 States (Max. 50) _____
 Provinces (Max. 13) _____
 QSO Points x Multipliers = _____ Points
 Bonus Points = _____ Points
 Final Score = _____ Points

I have read and followed the WISCONSIN QSO PARTY RULES to the best of my knowledge. (All OPERATORS must sign.)

Signature(s) _____

Date _____

To qualify, entries must be postmarked by April 15, 1992 and sent to: 1992 WISCONSIN QSO PARTY, WEST ALLIS RADIO AMATEUR CLUB, P. O. BOX 1072, MILWAUKEE, WI 53201. Entries may be disqualified if the QSO Party Rules are not followed. The decision of the Wisconsin QSO Party Rules Committee shall be final. Results will be published in *Badger State Smoke Signals* which will be sent to all entrants.

with a point tally of 64,916. The winner of the Multi-Transmitter, Multi-Operator section was N9KS, Waukesha County. Single-Operator, Technician, was won by N9JUJ, Waukesha County, with 5,610, while Single-Operator, Novice, was taken by WD9EGC, Rock County, who had 15,238 points. Finally, Single-Operator, Mobile, was won by W9OP (home county Winnebago), with a score of 4,500.

The 1991 Club Aggregate high score for first place in that category was 300,777, tallied by members of the Kettle Moraine Radio Amateurs. The next four were (2) W/K ARC of Greater Milwaukee, 206,093, (3) Watertown Amateur Radio Club, 126,948, (4) West Allis Radio Amateur Club, 68,535, and (5) Wabasha Area Amateur Radio Club, 64,916. A total of 25 clubs was represented in the club aggregate scores.

The official entry form for the party is published here. You may clip this form and use it, you may use a good quality photocopy of it, or you may request a form from the West Allis club at its address in the heading of this part of BSSS. Please send a self-addressed, stamped envelope if you request a form from the club.

When operating the party, listen for some of the weak signals; they may be the mobiles working hard to provide you with those rare counties, and thus some multipliers you might not otherwise get! And, remember to check *all* the bands.

Remember, too, that this party is for *everyone*, not just died-in-the-wool contesters. Casual operators who drop in for a little while will have fun, too. And, remember that Novices would appreciate your contact.

If you take part in the 1992 party, please remember that BSSS would very much appreciate a few photos of your operation. Photos are published with the official results of the party; the results normally appear in our June issue. Please send photos directly to K9ZZ, see page 2 for the address. All entrants who submit scores will receive the issue of BSSS with the results.

So... on March 1 at noon CST... let the fun begin!

Twice Deserving, Twice Honored



Dave Knaus, WA9POV (left), was honored at the Wisconsin Association of Repeaters (WAR) December meeting in Oshkosh for his fifteen years as the WAR newsletter editor. Knaus, of Milwaukee, received a plaque for his service from WAR Chairman George Loudon, N9CCI. Knaus also was recently chosen the West Allis Radio Club's Ham of the Year (see *Badger State Smoke Signals*, December 1991).
- Photo and story by Carl Plotz/WB9JSW

Milwaukee, as Seen From Earth Orbit



This view of the Milwaukee area was taken during a recent shuttle mission. Mitchell Field can be seen near the bottom of the frame.
- NASA photo



Riverland Amateur Radio Club

Dick Low, K0JYB, Secretary

1520 Nakomis Avenue • La Crosse, WI 54603



Meeting Minutes January 7, 1992

The January 1992 meeting of the Riverland Amateur Radio Club was called to order by President Walt Altus, AA9AW, at 7:03 p.m.

The members and guests introduced themselves, and Walter Schlifer announced that he had received his call N9NRF (NO Radio Frequency), as suggested by Feroz.

The minutes of the December 1991 meeting were read by Secretary Dick, K0JYB, and were accepted as read, with the exception of a minor correction by Feroz stating that Van had suggested a round of applause for Walt and Arby for a job well done in 1991.

The Treasurer's report was given by Duane, W9HWQ, and was approved as read. Duane raised a question as to pro-rating the dues. Charlie, KA9UUK, advised us that the dues were indeed pro-rated.

Old Business

President Walt announced that he has a Holiday Gift in his possession, although the recipient was not present.

Walt also reminded us of the annual RARC dinner, to be held at Christophers in the Valley View Mall, Saturday January 11th, Cocktail hour at 6:30 p.m.

President Walt also reminded us that RARC dues for 1992 are due in this month of January, the amount being \$15.00.

New Business

Feroz, WU9N, our program chairman, announced the Format for the Year. Before the meeting is adjourned, a ten minute technical presentation will be made on various subjects of interest to amateur radio operators. After we adjourn, we will have a guest speaker or a program relating to AMATEUR RADIO.

Rick, KV9U, informed us of a test session to be held here at the Onalaska Community Center on Thursday, May 14, 1992 at 7 p.m. Another test session will be held on November 9, 1992 at 7 p.m.

Kent, W9LZQ, announced that a Skywarn training session will be held on April 4, 1992. Time and place will be announced later.

Feroz, WU9N, indicated that the ARES SET (SIMULATED EMERGENCY TEST) and the Amateur Radio Weekend will be held on the third weekend in October. The SET exercise will be on a Saturday, and a public demonstration will be held on Sunday of that weekend as we did in 1991.

Bill, KE9XQ, is looking for a place or location to hold Amateur Radio classes, which will start in January or February 1992.

Committee Announcements

The repeater and technical committee will be combined, with Van, WA9FIO, as the chairman, and with Feroz, WU9N, and Dick, K0JYB, as co-members.

The trailer committee will be headed up by Kent, W9LZQ, and as yet no co-members have been appointed.

Feroz, WU9N, will again be our program chairman, and has the programs planned for the new year.

The publicity committee will be co-chaired by Scotty, KA9FOX, and Kent, W9LZQ.

President Walt, AA9AW, will contact W0RBU regarding the membership committee.

Rick, KV9U, will be in charge of the Education and Exam committee.

The Swap Fest chairman will be Judy, N9LGV. We are planning a swapfest in November.

The field Day chairman is Bill, KE9XQ. A discussion was held regarding the location of the Field Day site. Feroz suggested that we come up with a set of guidelines regarding Field Day concerning public interest and awareness.

President Walt, AA9AW, made a motion that we contribute the sum of \$50 to the Newsline organization that produces the program aired on Sunday nights by Walt. Feroz moved and Arby seconded

the motion. Motion carried.

A Technical session regarding impedance was presented by Van, WA9FIO.

Meeting adjourned at 7:54 p.m.

Karen Bast, professor at the UW-La Crosse, presented an interesting program on computer data bases.

Submitted by Dick Low, K0JYB

Meeting Attendance

Walt Altus	AA9AW
Bob Wilson	N9LEK
George Kroner	KE9PL
Feroz Ghouse	WU9N
Jim Brooker	N9DBK
Wid Johnson	W9DM
Maty Johnson	XYL-WD9M
Judy Williams	N9LGV
Rick Williams	KV9U
Art Osborn	W0JDC
Scott Neader	KA9FOX
Greg Miller	KA9FOZ
Charlie Burch	KA9UUK
Phil Uhling	W9UP
Brian McCosty	N9IWP
Bob Selbrede	KA9EZR
Ken Weigle	WG9M
Walter Schlifer	N9NRF
Clarence Crum	
John Jornby	KA9ETH
Mike Warnock	WN9P
Hugh Barker	KA9EJZ
Van Elston	WA9FIO
Bill Wood	KE9XQ
Arby Boomer	WF9T
Gary Webb	N19V
Edward Koegel(?)	
Gary Countryman	KD9RL
Dick Low	K0JYB
Kent Helman	W9LZQ

Thanks to Feroz, WU9N, for providing new signup sheets. □



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President

402 Broadway
Baraboo, WI 53913



WB9QFW 2-Meter Repeater 146.07.67 and Club Station

P. O. Box 847 • Plover, WI 54467

As has been the tradition for the last several years, the usual monthly meeting of CWRA has been replaced this month by an annual banquet. There were 32 members and guests present, the roll being as follows:

Mary Eiden	KA9FAS
Gene Kroll	KE9MA
Mike Eiden	WD9JID
Deb Kroll	N9EIL
Lara Ellingson	KB9CRU
Paul Nelles	K9DB
Mike Pagel	KA9LAQ
Debbie ?	(K9DB)
Ray Dix	KF9BG
Russ Fritz	KB9FVV
Ray Dix III	(Harmonic)
Charlotte Fritz	(KB9FVV)
Joann Dix	N9NOG
Charlie Miller	WB9UMU
Adriana Dix	KB9DUR
Clara Miller	(WB9UMU)
Slade Klowikowski	KA9YJI
Al Mallek	K9WVM
Mike Urban	KB9GXV
John Feltz	WA9LWJ
Jim Benak	KA9ACE
Cathy Feltz	(WA9LWJ)
Mary Olson	(KA9ACE)
Joe Larson	N9JW
Art Wysocki	N9BCA
Sam Larson	N9JQO
Lucy Wysocki	(N9BCA)
Wayne Johnson	K9MIF
Ron Howe	NJ9H

Betty Johnson
Debbie Howe
Brian Howe

WD9AUC
(NJ9H)
KA9YJJ

The banquet started at 6:00 with eye-ball QSOs and attitude adjustment, then moved to the dining room at 7:00, where, after a moment of silence for those who became silent keys this past year (Frank Podach Sr. and Joe Dietman) and a short prayer from Fr. Ray Dix, the hard work of the kitchen staff of the Blue Top was reduced to empty plates and some bones.

After the meal, two awards were given out to local hams for their services to the Wisconsin Special Olympics Summer Games. The 1990 award went to Frank Guth, W9BCC, and the 1991 award went to Mike Eiden, WD9JID. Congratulations to both of you for jobs well done.

With the "formal" portion of the evening behind us, the group broke up for more individual ragchewing and socialization. All in all, a very enjoyable evening was enjoyed by all. For those who may have missed the event this year, mark your calendar for January 13, 1993, and plan to join us then.

February's meeting will be on the 12th in A-109 of the UWSP Science Building at 7:30 p.m. The program that will follow will be Mike Witowski, a local authority on short wave listening, and will be held in the Club station in the Stein Building at the base of the smokestack on North campus - PLEASE bring your own chair for seating. Talk-in for both events will be on 146.985.

73 de KA9ACE

Taylor County Area Amateur Radio Club

Rolland Walty, W9LEE, Secretary

W4117 Highway 102 • Westboro, WI 54490

Next regular meeting: February 13 at 7 p.m. in the Taylor County Courthouse Annex, 2nd and Ogden, Medford, WI.

Meeting Minutes January 9, 1992

Meeting was called to order at 7:19 p.m. by President N9GEN. Present were WD9FWP, KE4FE, KB9HCT, N9GEN, W9QHI, N9FZD, KE9LX, WA9KMB, and W9LEE.

Minutes of last meeting were read and approved. Treasurer's report, indicating we are still in the black, was given.

Election of officers for 1992 was as follows: President N9GEN, Vice-President KB9BLV, and

Treasurer WD9FWP were unopposed, and declared elected by unanimous vote. W9LEE and N9GHZ were nominated for secretary. W9LEE received 2 votes; N9GHZ received 6 votes and was declared elected.

April 11 is set for VEC exams in Medford. The Multi-Purpose building will again be sought as the preferred site.

The Medford packet node is still having receive problems, according to KE4FE, who was the only member present active on packet.

N9FZD was authorized to check on the availability of Medford City Park as a possible site for Field Day. He also reported that he has application forms to seek non-profit status for the club.

No other business. Meeting adjourned at 7:50 p.m.

Rolland Walty, W9LEE, Secretary

Stories, Photos Needed

In order to keep *Badger State Smoke Signals* interesting, educational, and informative, we need articles and photos about Amateur Radio, particularly, but not necessarily, in the Wisconsin area. Many clubs and individual amateurs are doing interesting things which would be good reading. Topics would include DXing, SWling, Lowfer (1750 kHz) work,

communications trailers/vehicles, antennas, contesting, emergency drills, real emergency communications operations, operating from unusual vehicles or locations... your imagination is the only limit!

Don't keep interesting projects and subjects a secret; share them with our readers! You may help someone with a project or even provide a solution to someone's problem(s) with their project. Write a story, and send it to the editor at 412½ Ash Street, Baraboo, WI 53913. Let us hear from you! □

The Sun Shines on the WARAC Swapfest

By Richard Regent, K9GDF
5003 South 26th Street
Milwaukee, WI 53221

After two of non-stop cloudy weather, the sky opened to let sun shine on the Mid-Winter Swapfest at the Expo Center in Waukesha. I think the West Area RAC gang planned the 45-degree, sunny weather to help attendance. Fred, W9NZF, said the weather was just great today, but remembered 1984 when it was eighteen below and he was helping start and jumper cars in the parking lot, "Brrrrrrr."

Tables were sold out before the event. A bus left Green Bay in the early morning hours, partly filled with Mike and Key Clubbers, and stopped at Appleton at 5:30 a.m. to fill the rest of the 35-seat bus with Fox Cities swapfesters. Relaxed Nels, WA9JOB, enjoying the morning, took four hours vacation from his job at TV channels 10 and 36 to attend the Swapfest. Diane, KA9BHK, and her husband, Mike, KA9BHL, flew to the Swapfest in a plane with six other amateurs from Tomahawk, and noted there were two hams who flew in another plane from Antigo. Jim, WB9YPY, left Rhinelander at 5 a.m., and drove 250 miles to arrive around 9:30 a.m. He seemed to be enjoying himself, despite the pending trip back.

Crowds peaked at about 9:45 a.m. Diane, KA9BHK, stepped behind the table of the ARRL booth that my wife Barb and I were operating, to get out of the aisle crowds. She said, "I was getting bumped around like the ball inside a pinball machine."

Charlie, W9CUW, of Bear Creek, thought he heard his admission ticket number 3013 on the paging system as one of the prize-winning tickets. His name and call were announced again as a prize winner, but he couldn't hear where to report. So, he made his way through the crowds to the prize room to ask Dave, WA9POV. Dave said to go to the lunch counter. Zig-zagging past hot dog eaters, he got over to find Lynn, K9KR, who said to go back to see Dave. Well, eventually one of the ladies who were helping with the bratwursts checked his ticket. Charlie wondered what the prize would be, maybe a free cup of coffee? The prize was unlocked and carefully handed to Charlie. "I was surprised, it was a beautiful fifty-dollar bill," said Charlie, as he let me take a quick peek at it. That was worth the hunt and a prize that anyone could use.

Was everyone there? I could only think of a few hams that I didn't see there, but it's possible they were, I just didn't look around while I chatted with folks.

The bus departed at 12:30 p.m. for Fox Cities and Mike and Key land. The planes and cars left later.

Attendees felt the turnout was the biggest ever, yet a few hard-working WARAC officials thought it might not make the record book. Beauty is in the eyes of the beholder. From my viewpoint, it was a terrific Swapfest. □

The 1993 Mid-Winter Swapfest will be on Sunday, January 10.

- Thanks Dave Knaus, WA9POV

Three More Stations, Please

Sus, KB9OC, of Milwaukee, has worked 336 countries. To the casual operating ham at ground level, this achievement is a mountain. DX champion Sus needs only three more countries: A5, 5A, and XY to reach the top of his climb. Sus laughs when I ask him if he could work those three countries in one day, but humbly says, "My friend Jim, K9CJK, has a few more countries than I do."

*- Rich Regent, K9GDF
Milwaukee, WI*

Eau Claire Amateur Radio Club

Don Franzmann, W9NFJ, Secretary

2728 Marilyn Drive • Eau Claire, WI 54701

Meeting Minutes January 14, 1992

The meeting was called to order at 7:32 p.m. by Vice-President Craig Barnes, N9NCW, in the absence of President Bill Jablonske, W9NNS. The secretary's and treasurer's reports were read and approved.

A discussion took place regarding the filling of three places on the board of directors. The following were nominated:

Al Schlaugate, W9ISN
Carl Searing, W9NW
Don Alm, K9UXP.

The formal election will take place at the February meeting.

Mike Ceraso, N9JMA, updated the group on the status of the new Repeater Information Book.

Draft copies will be available for inspection at the February meeting. Mike also provided for distribution copies of the WEAU Western Wisconsin Weather Almanac.

Don Alm, K9UXP, indicated that the initial printing of 1500 copies of our Hamfest flyer were now available.

Joe Eide, KB9R, stated that membership cards and rosters will be mailed to all members in good standing in February.

Mike, N9JMA, initiated a discussion relating to our Hamfest. This resulted in a motion being adopted appointing Don Alm, K9UXP, as Hamfest Coordinator. Volunteers for the various duties involved are asked to contact Don directly.

The lunch committee for February is N9AKC and W9BAR.

The meeting was adjourned at 8:08 p.m.

Respectfully submitted:
Don Franzmann, W9NFJ, Secretary

Northern Wisconsin Radio Club

Steve Hart, KA9OMC, Secretary

- Since 1923 -

Route 1, Box 54 • Knapp, WI 54749



Greetings, NWRC members and guests.

I am writing this to you before the January 28 meeting in Menomonie to meet the printing deadline. News of that meeting will appear in the next issue of BSSS.

Balance of the account is \$180.

The next meeting of NWRC is the club's annual auction on February 25 at the American Legion Post, 634 Water Street, Eau Claire. Meeting time is 7:30 p.m., and the hall will be open at 6:30 p.m. for setup. Please mark all your items with some identification, and indicate a minimum bid you will accept. The club retains 10% of the sale to cover expenses.

Items for the auction should pertain to the amateur and electronics hobby. The club is not responsible for personal losses, so keep track of

your stuff. Col. Bruce Walther, W9QAH, will conduct the auction, and the sale is final.

Admission is free to paid-up 1992 members (\$5.00 dues), or \$3.00 general admission. You may opt to join the club and obtain BSSS at the \$10.00 rate.

Local Amateur News

NWRC will be assisting the Winter Carnival in Menomonie February 7, 8, and 9. If you can help provide communications, please contact Jim Ley, NX9F, at 235-3998.

Steve Hart, KA9OMC
NWRC Secretary/Treasurer

Mancorad Radio Club

Lou Maylander, KA9ZQF, Secretary

P. O. Box 204 • Manitowoc, WI 54221-0204

General Meeting • Jan. 8, 1992

Old Business

Treasurer's Report: Accepted as read.

Minutes of the December 11 Meeting: Amended to include the following: Dave, KJ9I, presented a series of slides from his past DXpedition to Willis and Mellish Reef. *Smoke Signals* readers are alerted to watch for Dave's upcoming DXpedition in March to South Sandwich. (If he took some Wisconsin cheese, he could be a Ham, with cheese, on Sandwich!!!!)

Special Event: President John, WB9ESM, reported that he'd just come from a meeting with the mayor regarding the upcoming special event

(station) on the maiden voyage of the car ferry. It appears that there will be a few cruises on the 16th-17th of May. President John, WB9ESM, will head a committee to plan and advertise the event. *More details to follow!*

Repeater: The club repeater was down on Monday, 1-6-92, for a few hours. Cause is still unknown. Members of the Technical Committee visited the site after the Board Meeting on Monday, January 6, and repaired the condition just by jostling components!

John, NZ9Z, reminds users not to use the repeater for matters connected with their business. Ron, WS9X, reminds users to make sure the repeater is on prior to attempting an autopatch.

A discussion of the need for a PL was started by Mike, AA9AA, and Howard, KE9YD, made a motion that the Board Technical Committee investigate the issue and make a report at the next

General Meeting. Motion was seconded and accepted.

Hamfest: Club Secretary Lou, KA9ZQF, reported that two flyers have been designed; one is vendor-related, the other for the general public, by Bob, N9LVU, and have been mass-copied.

President John, WB9ESM, and Secretary Lou, KA9ZQF, have obtained discounts on room rentals at the local Holiday Inn (\$53 per night, single or double occupancy).

Notices have been sent to all national magazines. Refreshments have been ordered. Howard, KE9YD, asked about the possibility of canned beer, or the need for beer at all, due to the waste experienced last year. Both President John, WB9ESM, and Secretary Lou, KA9ZQF, reminded members that, last year, a half-barrel was purchased, and that this year we will purchase a quarter-barrel, with one in reserve, if necessary. Both ESM and ZQF reminded the membership that the biggest profit is made on refreshments.

John, NZ9Z, reported that he will ask the Appleton group to assist in testing at Silver Lake College. Carl, KA9FZT, reported that the exam will be an ARRL test, with multiple-choice answers for the code section. *More details to follow, Smoke Signals readers.*

ARRL Publications: The club has purchased three sets of complete ARRL books. Board member George, N9BCX, donated \$120 to purchase a set for the Two Rivers Library. One of the other sets will be secured in the clubroom, while the other will be donated to the Manitowoc Library. Steve, KB9GPN, was congratulated for his work on this project, and reported that both libraries are aware of, and will accept, the donations. Name plates will be placed on the inside cover, acknowledging Mancorad's donations. Howard, KE9YD, asked if someone could convince the library to re-acquire *QST*, *73*, and *CQ* in their periodical section. Steve, KB9GPN, will investigate.

New Business

Another Possible Special Event! Steve, KA9GPN, reported that the organizers of the Manitowoc Airport's Aviation Day have requested our participation on June 13-14. Apparently, they are in need of solutions to crowd control and site communications problems, and would like us to bring our Emergency Communications vehicle to the event. *It appears that a special event station would be able to operate from a continuously-flying aircraft during the event!!* Steve, KB9GPN, and Vice-President Chuck, N9KGL, were nominated to form a committee to attend the airport's organizational meetings regarding the event.

Novice and Upgrade Classes: President John, WB9ESM, reported that classes will begin on January 28 at 6:30 p.m. at the clubroom in the basement of City Hall on Franklin Street. John, NZ9Z, suggested that we contact local cable TV to advertise and show our best copy of *The New World of Ham Radio*. President John, WB9ESM, and the author will write the ad for newspaper publication.

Patches: A series of patches was given to the club by Dave, KJ9I, to be used as door prizes at the upcoming Christmas banquet.

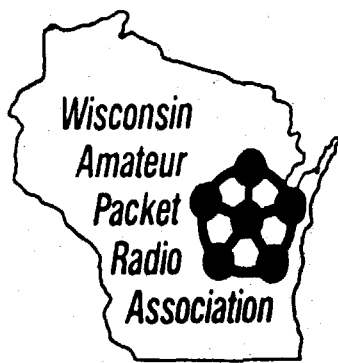
New Mancorad Members: The first reading of applications for membership of Michael Hamann, KB9GTT, and Dave Schmocker, KJ9I, were moved and seconded.

Respectfully submitted:
Lou Maylander, KA9ZQF, Secretary

Sheboygan County Amateur Radio Club Joins BSSS in March

Beginning with our next issue, the Sheboygan County Amateur Radio Club will become a participating club in *Badger State Smoke Signals*. BSSS extends a hearty welcome to the SCARC, and our wishes that our relationship will be long and beneficial for all of us!

Jim Romellanger, K9ZZ, Editor



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

William Schroeder, W9ZBD

4247 Forest Point Drive • Rhinelander, WI 54501

Steve Loeffler, WB9ZRE, Editor, 123 W. Oshkosh St., Ripon, WI 54971

WISCONSIN AMATEUR PACKET RADIO ASSOCIATION

Meeting Minutes of January 11, 1992 held at the Waukesha Exposition Center

The meeting was called to order at 11:06 a.m. by Dan Bolander - WB9TYT. The minutes of the last WAPR meeting on November 16, 1991 were read by WAPR secretary, Steve Loeffler - WB9ZRE.

Dan indicated that a complete treasurer's report had not been made available in time for the meeting, however, the ending balance to date is \$481.00. Dan promised a complete breakdown of the treasurer's report would be given at the June meeting.

Dan stated that the meeting would be directed toward a question and answer theme and that he would answer anyone's questions concerning WAPR as accurately as possible following his announcements.

ANNOUNCEMENTS:

Dan announced that the Midwest Packet Radio Conference will be held on Saturday, February 8, 1992 from Noon to 9 p.m. at the Skywood Inn in Fridley, Minnesota. Dinner will be served from 5 - 6:30 p.m. Anyone interested in attending can contact Dan for more information. The conference immediately follows the Mid-Winter Madness Hamfest.

The 2400 baud link between Markesan and Waupaca has run into a "snag". It was working great for about a week and suddenly quit. Bruce Hansemann - W9LCK and Steve - WB9ZRE will work at resolving the problem tomorrow, and begin researching the problem this evening. When this problem is corrected and the link is determined to be reliable, WAPR's plan is that the N9BKJ-BBS will become a forwarding hub for all BBSs North and East of Waupaca, encompassing all of northeastern Wisconsin. All BBSs in this area will forward to and receive in-bound traffic and bulletins from N9BKJ's BBS.

Unfortunately, in addition to the temporary failure of the Markesan-Waupaca link, Carl - KC9AA's TNC in Appleton suffered a failure that resulted in stranding the KA9WPG BBS in Green Bay from the forwarding network. Dan received a report today that messages and bulletins are being received in Green Bay as a result of creative forwarding by Jerry - KC9BK in Brown Deer.

Larry Shields - WD9ESU's BBS in Lodi is the hub for the Western and Northwestern areas of Wisconsin. Larry was asked to stand so that everyone could recognize the person responsible for that hub.

Bruce - W9LCK has returned WAPR's 4800 baud modems and 440 radios that were previously installed for the Markesan-Waupaca link. Problems were experienced with this equipment operating the link. The equipment will be retuned and retested for future link service. Dan held up one of the compact radio/TNC units for all to see.

OPEN FORUM:

Dan opened the meeting to questions and answers. Rod Pajula - N9GHE asked for the status of ARES development and the frequencies to be used. Dan stated that he was not the correct person to address this issue. He referred Rod to talk to Joel Eschmann - K9MLD, John Leekley - WB9SMM or Jim Boos - (ex-WB9YSG). Joel is expected to be attending this meeting later.

Bill Hays - W0OMV reported that he had sent in his WAPR dues in early December and had yet to receive any response. Dan said that he had

talked to Bill Schroeder - W9ZBD in Rhinelander and stressed that any time Bill receives WAPR money, to respond with a letter, postcard or phone call to confirm that he received the money. Confirming receipts of dues and other monies has been a problem that should now be resolved. Bill was not certain if W9ZBD was the person he sent his dues check to, as he did not have his records at the meeting. Dan reminded all present that all WAPR dues and donations should be sent to W9ZBD. Dan will also talk to W9ZBD again. An additional question from the floor requested the current dues rate. Dan explained that the current dues are \$12.50 with the fiscal year ending June 30, 1992. Dues for the 92-93 fiscal year beginning July 1, 1992 will be \$15.00. Joel - K9MLD will be bringing membership applications to the meeting.

Dave Garnier - WB9OWN was asked to describe his experimentation into 9600 baud packet communications. Dave replied that it was "a science project". He bought a Ramsey FX-146 a couple of months ago with the idea of building a 9600 baud radio. At this time there appears to be technical problems with the Ramsey, principally, trying to FM the unit. He is currently experiencing "jittering" on the PLL and IF resulting in TXDELAYS of 150 and PACLENS of 100 - 150. He is waiting for Roy Hawkins - WA9KEC results on debugging an Icom 22A for 9600 baud operation. Dan asked if anyone else was interested in exploring 9600 baud.

Dave elaborated on several other current 9600 baud designs. He also reported that he had heard a rumor that TAPR was due to release a new design. He contacted TAPR and confirmed that TAPR hopes to release three projects by their March, 1992 meeting. These projects include - a FM deviation meter, a satellite tracking package and a new 9600 baud redesign. Dave's current recommendation for anyone thinking about 9600 baud packet is to buy a pair of G3RUH modems and use a scope to calibrate the TNCs and radios side by side.

Dan asked if anyone had worked the MIR space station - U5MIR on packet. He was able to work the space station last Saturday, January 3 at 2:30 a.m. on 145.550 Mhz. He temporarily took his BBS offline to try for the contact and was delighted to see the connect. The station was only above the horizon for a few minutes, so the connect was short.

Dan referred to an article in the January, 1992 issue of QST pertaining to unattended operation on HF. Wisconsin has five HF stations with STA (Special Temporary Authority) licenses which were all recently renewed. ARRL wants comments from members in order to approach the FCC for permanent privileges, but needs to know the feeling of the Amateur community. Those Amateurs with ideas or comments were asked to submit a letter to the ARRL. A suggestion was made to send out a copy of the ARRL survey contained in the article.

Andy Henderson - KB9UE asked for a definition of a legal vs illegal bulletin on Amateur packet radio, particularly regarding "For Sale" and "Wanted"(to buy) bulletins. Dan replied that the proliferation of these messages are becoming a problem and is taking up more time to review these messages than he would like, however, he said that he does not want to act as a censor on messages passing thru his BBS. Dan asked for a show of hands of those that read "For Sale" and "Wanted" bulletins. (A majority of attendees raised their hands.) He asked for a show of hands of those that do not read these messages (Two hands were raised). A suggestion was made from the floor on the possibility of "filtering" these messages to RIWIS designation and possibly eliminate those addressed ALLUSA.

Another suggestion from the floor requested that these messages be deleted by the BBS SYSOPs if they are not properly addressed and contain an accurate and understandable title. A third suggestion was to delete messages older than 5-7 days.

Karl Bruehl - KC9AA asked about the status of the six meter link in northern and western Wisconsin. Dan reported that at the present time, the link extends thru sites in Chippewa Falls, Meteor Hill, Tims Hill, Waupaca and Antigo. He had talked to Rev. Bill Jablonske - W9NNS (WAPR President) who indicated that direct, reliable connects were being made between Chippewa Falls and Tims Hill. Plans will be implemented to remove the Meteor Hills site which lies between this link and install it somewhere near Wausau to provide an optimum link to Waupaca and Antigo. (Generally speaking, a six meter dedicated node has a range of 50-60 miles.) When this link is proven reliable, the backbone network will run from Illinois to Minnesota. Minnesota Amateurs are now talking with WAPR about linking Minneapolis/St. Paul with the Wisconsin packet backbone network.

Bruce - W9LCK asked if WAPR would be purchasing any more 4800 baud modems for backbone linking. Dan stated that WAPR probably would not buy any more 4800 baud gear, but, may consider 9600 baud gear if results from various TCP/IP test groups throughout the country prove it reliable. The higher baud rates require more sophisticated radio design. If the IP people prove 9600 baud reliable, WAPR will probably copy their designs.

Larry - WD9ESU commented that node BOE-1's radio receiver had failed in Tomah and that the link from Lodi to La Crosse is down. Larry is routing La Crosse traffic and bulletins thru Stevens Point on 145.01. This is a problem due to the volume of .01 traffic thru node NFR. Larry would like to see the node fixed and an alternate site created for forwarding directly to La Crosse on a backbone designated frequency. Dan asked if anyone had ideas, to let him know or talk to Larry.

Steve - WB9ZRE reported that newsletter articles for "Packeteer" seem to be an "extinct species" as no articles, or news information has been received from WAPR members in the past six months. He elaborated that is difficult to print what is going on in packet in Wisconsin unless local packet operators take five minutes each month to forward their local news for "Packeteer". Unless someone on a local level takes the initiative to send their local information, Amateurs in, for instance, La Crosse won't know what is happening in Madison, Green Bay, Beaver Dam, Rhinelander, Stevens Point or Milwaukee and vice-versa. Articles or news items can be sent directly to Steve at the following packet address: WB9ZRE @ WB9ZRE.WI.USA.NA

Jerry Bellehumeur - KC9BK had just arrived and wanted to address the issue of "For Sale" and "Wanted"(to buy) messages. These messages are becoming a chronic problem. He reminded everyone that the prevailing consensus was not to allow any of these messages thru the state following the FCC censure of several east coast BBS SYSOPS for forwarding a message containing a "900" telephone number. The thought being that some of these messages might contain FCC interpreted violations. It was better to refuse the whole category, rather than risk the station license. Slowly, "For Sale" and "Wanted" messages began showing up on local BBSs within Wisconsin after they had been carefully reviewed by the originating BBS's SYSOP. Today, these messages are coming into Wisconsin from all over the US and Canada. The situation is getting out of

control with as much as 45-48 percent of the messages passing thru KC9BK being "For Sale" and "Wanted"(to buy). Recently, he has seen "For Sale" messages coming from Canada listing items for a whole group of Canadian Amateurs. Do to the time it takes and the number of BBSs these messages pass thru, in many cases the BBS file information containing a one line "ad" will be accompanied by several pages of tracking header information. This slows the entire network down. Jerry indicated that he would rather delete these generally worthless messages, than spend an hour or more each evening reading each message and allowing them to pass thru the system. Jerry asked for a show of hands from anyone that actually bought anything thru a "For Sale" message. (No hands). Rod - N9GHE suggested restricting "For Sale" and "Wanted"(to buy) messages to the local area BBSs and forbid forwarding. Jerry had heard of Amateurs buying estates and selling the items thru BBSs "For Sale" messages in order to make a profit. He cited a message he had seen from New York of an Amateur advertising cases of power supplies he had for sale. Jerry asked if those present would accept a reduction in the amount of "For Sale" and "Wanted"(to buy) messages. (By show of hands, most of those in attendance would not mind a reduction in the number of these messages). From the other viewpoint, one of the attendees indicated that he had been able to sell several personal Amateur Radio items to Amateurs in other states thru packet "For Sale" messages and that they do sometimes work. Dan - WB9TYT commented that he doesn't personally like these types of messages as it doesn't conform to his values of Amateur Radio. He allows these messages thru his BBS on a lowest priority basis in order that the NTS, personal messages, and information bulletins arrive at their destinations in a timely manner. Currently, the ARRL and FCC have not taken a position on the definition of legal/illegal "For Sale" and "Wanted"(to buy) messages. Dan further indicated that the problem involved these messages coming from outside Wisconsin, messages originating in and passing within Wisconsin would not pose a problem with the forward network due to the low volume of these messages and the finite distribution area. Additional discussion pertaining to the problems and merits of "For Sale" and "Wanted"(to buy) messages. The discussion ended with a general consensus toward eliminating or reducing messages of this type on intrastate routing.

Ade Van Der Burgt - K9DHR made an informal motion (as a quorum of members was not in attendance, a formal motion could not be made) that "WAPR should take a stand that would get back to the basics of Amateur Radio, which includes first person communications, in that any time a dollar was mentioned, that was 'taboo' along with religion and politics.". Discussion followed to determine the extent of effect this motion would have. The motion would send a message to the WAPR meeting at Stevens Point in the summer for a policy vote to eliminate all "For Sale" and "Wanted"(to buy) messages from WAPR networks. Following discussion, Ade revised his motion to state "WAPR should take a stand to get back to the basics of Amateur Radio by eliminating all 'For Sale' and 'Wanted'(to buy) messages on WAPR networks.". (By show of hands 16 voted for the motion, 8 voted against - the motion passed). Dan asked for a show of hands to indicate who would be acceptable to allowing limited "For Sale" and "Wanted"(to buy) messages (13 hands), and how many would be in favor of "For Sale" and "Wanted"(to buy) originating in Wisconsin and routed only via the RIWIS designator (15 for, 6 against).

Jerry - KC9BK would like to point out that packet operators should realize the "behind-the-scenes" time and effort that the state BBS's SYSOPS and WAPR officers are dedicating to planning, setting up and maintaining links, forwarding and service. All this work is basically transparent to the general packet community and these dedicated people should be recognized for their efforts.

is the only packeteer to take me up on my
A motion was made to adjourn, seconded and passed unanimously. The meeting was adjourned at 11:35 p.m.

Yellow Thunder Amateur Radio Club

Harry Westlund, K9EHJ, Secretary

K9ODK
WB9FDZ

720 Jefferson Street • Baraboo, WI 53913



The January 14, 1992 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order by the President, Art Kleefisch, W9WSS.

A motion was made and seconded for the acceptance of the minutes of the last meeting as published in the BSSS.

The Treasurers report was given by Treasurer, Jim Decker, WB9UQT, showing a balance of \$333.33.

The President then opened up final discussion on the new by-laws as proposed at the December meeting. There was little disagreement. A motion was then made by Harold Reif, KA9QYP, and seconded by L.J. Hemmer, WB9TFJ, that the by-laws be accepted as presented. The motion was passed by unanimous vote with no dissenting votes.

All present activities planned were to be shelved and the coming year will be started with a clean slate. The only exception would be to retain the usual buck nite drawing at each meeting.

Bill Klinkner, N9KXX, Vice President and activities chairman read the list of activities as planned for the coming year. This list will be published in the BSSS.

L.J. Hemmer, WB9TFJ, gave a report on the recent balloon launch at Hillsboro.

With no further business, a motion for adjournment was made by L.J. Hemmer, WB9TFJ, and seconded by Ken Johnson, K9DZG, and the meeting adjourned at 8:35 p.m.

The Evenings activities program was a demonstration of VHF antennas presented by Bill Klinkner, N9KXX.

The buck nite drawing was won by James Decker, WB9UQT.

The next meeting will be held on Wednesday, February 13, 1992, at the Baraboo Civic Center, Baraboo, WI. The program for the February meeting will be a video viewing of the recent balloon launch by the Hillsboro Balloon Launch Group.

Respectfully Submitted, Harry Westlund, K9EHJ

The following is a listing of the planned programs for the Y.T.A.R.C meetings for 1992.

March 12, A talk on the Civil Air Patrol.

April 14, Mobile antenna check & rig performance tests.

May 13, H.F. Night; DXing, contest, antennas, nets, etc.

June 11, Field Day Planning.

July 14, Bikeathon, Special event station Boy Scouts.

August 12, Nomination of new officers, 2-meter transmitter hunt.

September 17, Election of officers, VHF night, Contesting, etc.

October 13, Packet radio demo & computers.

November 18, Tour of Sauk County 911 dispatch center.

December 10, Christmas party.

The following were in attendance at the January 14th meeting:

Harry Westlund, K9EHJ	Baraboo
L.J. Hemmer, WB9TFJ	Baraboo
Sandy Hemmer, KA9VFW	Baraboo
Bill Klinkner, N9KXX	Prairie du Sac
Anne Klinkner	Prairie du Sac
Harold Reif, KA9QYP	Baraboo
Tom McCann, KB9HAB	Baraboo
Richard G. Wegner, N9MME	North Freedom
Ken Johnson, K9DZG	Mazomanie
Raymond Matlosz, N9MLZ	Reedsburg
H. Sonny Eisenberg, WA9KXQ	Reedsburg
Kevin Perry, N9LME	Sauk City
Tom Thompson, N9LLF	Sauk City
Jack Kirner, N9LKZ	Prairie du Sac
Duane Grotophorst, KA9HKL	Loganville
Jim Decker, WB9UQT	Baraboo
Harry Mayland, K9FFT	Baraboo
Art Kleefisch, W9WSS	Baraboo

The following persons attended the meeting:

Pat - KOMUR	Bill - W0CMV
Ken - W9ZMR	Bruce - W9LCK
Tom - K9PIQ	Dennis - WB9SVM
Ted - N9LLT	Jim - N9IDH
Charlie - KF9FR	Al - KA9AIV
Dale - WB9NRK	Dan - K9TWE
Dave - WB9OWN	Pat - KA1RB
Marty - KA9MSR	Ade - K9DHR
Jim - K9CBU	Mark - N9LGY
Carl - N9JON	Karl - KC9AA
Rick - W9X9C	Wayne - W9DFLJ
Lyle - W9E9R	Ken - K9EN
Kurt - WB9GLB	Glenn - W9E9K
Joe - N6DGY	Rudy - KB9OK
Dan - KB9FME	Dan - WB9TYT
Joel - K9MLD	Matt - N9LGX
John - WB4HKE	Arlen Van Der Leest
David - KA9NHL	Rodney - N9GHE
Andy - KB9UE	Bill - KB9BBC
Dave - N9DLZ	Dan - W9Z
Pat - KA9VRK	Mike - N9EAX
Larry - WD9ESU	Jerry - KC9BK
Alan - N9BWS	Matt Binkelman
Steve - WB9ZRE	

Respectfully submitted,
Steve Loeffler - WB9ZRE
WAPR Secretary

In the Mail Bag.....

Larry Kapp - W9M in Gays Mills, Wisconsin
state-wide bulletin requesting local news and info. Thanks Larry, you renew my faith in Amateur Radio!

Larry writes that he is the "end-of-the-line" for packet activity in southwestern Wisconsin. His home BBS is W9LZQ in La Crosse where he maintains ties with the RiverLAN group on 145.09. His home station is located in a "real hole", so his link to the outside world is thru a KPC-2 digi KA-node that he maintains at the home of Huey - N9LZI, a new ham living near Seneca, Wisconsin. Larry invites anyone in southwestern Wisconsin, northwestern Illinois, northeast Iowa and southwestern Minnesota areas to check to the N9LZI-9 digi and let him know you are out there.

An interesting comment in Larry's message is that 145.01 is totally unusable in his area as he can hear every node from Madison to Iowa to Rochester, Minnesota. (I recall a comment at the January WAPR meeting concerning a possible alternate route to La Crosse. Is anyone thinking what I'm thinking?).

Larry's plans are to experiment with a path into Madison on 145.07. He also offers to help any new or potential packeteers in his area thru the packet learning curve. You can get in touch with Larry thru W9LZQ or by writing to him at: P.O. Box 151, Gays Mills, Wisconsin 54631.

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JANUARY 10, 1993

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David C. Wright, WB9VOZ, Milwaukee
Robert J. Goeman, N9HAD, Madison

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MADISON SWAPFEST

April 5, 1992

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Forum Building

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Madison, WI 53708-8890 Answer Machine

SOUTH MILWAUKEE AMATEUR RADIO CLUB

SWAPFEST 92

July 11, 1992
(Held every July)

American Legion Park
Shepard Ave. • Oak Creek, WI

(414) 762-3235 Extension 58
P.O. Box 102 South Milwaukee, WI 53172

Fox Cities Hamfest

Starlite Club, Hwy. 55 north of Kaukauna

HAMFEST INFO:
Don Baker
621 W. 7th St.
Kaukauna, WI 54130
414-766-3886

EXAM INFO:
Larry, KD9IA,
414-788-3823, or
Don, NB9J,
414-766-3886

Lakeshore Hamfest
& Computer Swapfest

Manitowoc County Expo

Intersection of Hwys 42-151 and I-43 on Cty Highway R

Saturday, May 9, 1992

For more information, call:
"Lou" - 414-682-2557 (Nights) "Ron" - 414-793-4733 (Nights)
"Bob" - 414-684-5352 (Nights) "John" - 414-682-9151 (Days)

ManCoRad Radio Club • P.O. Box 204 • Manitowoc, WI 54221-0204

PEORIA SUPERFEST

EXPOSITION GARDENS, PEORIA, ILLINOIS

September 19-20, 1992

LARGE FLEA MARKET - COMMERCIAL DEALERS - FORUMS
LADIES ACTIVITIES (SAT) - EXAMS (SUN)

GATES OPEN AT 6:00 AM - TALK-IN 146.76
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AREA AMATEUR RADIO CLUB, P.O. BOX 3508, PEORIA, IL
61612-3508 OR CALL (309) 685-6698 FOR INFORMATION

14th Annual

CWRA SWAPFEST

June 14, 1992 • 8 a.m. to 2 p.m.

UNIVERSITY CENTER, U.W. STEVENS POINT

Info: Art Wysocki, N9BCA 715-344-2984
3356 April Lane Stevens Point, WI 54481

EAU CLAIRE AMATEUR RADIO CLUB

SWAPFEST

July 18, 1992

Chippewa Falls Fairgrounds

Lis Searing, N9EQR 1129 McKinley Road
(715) 834-1303 Eau Claire, WI 54701

NORTHERN WISCONSIN RADIO CLUB

AUCTION

February 25, 1992 • 7:30 p.m.

American Legion Post 53 • 634 Water Street
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